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GENERAL INFORMATION

PROGRAM AT A GLANCE

Wednesday, October 5, 2016

6:00 AM – 8:00 PM	REGISTRATION OPEN	517 Foyer
8:00 AM – 5:00 PM	POSTGRADUATE COURSE	517D
5:15 PM	OPENING CEREMONY	517ABC
6:00 PM – 8:00 PM	EXHIBITION HALL OPEN	210
6:15 PM	WELCOME RECEPTION	210

Thursday, October 6, 2016

6:00 AM – 6:00 PM	REGISTRATION OPEN	517 Foyer
6:30 AM – 8:00 AM	SATELLITE SYMPOSIA	516
7:00 AM	MEET THE PROFESSOR BREAKFAST SESSIONS	VARIOUS
8:00 AM	PLENARY SESSION I	517D
9:00 AM – 2:30 PM	EXHIBITION HALL OPEN	210
9:30 AM	BREAK	210
10:00 AM	CONCURRENT SESSION I	
	Epidemiology and Pathogenesis of Pediatric Inflammatory Bowel Disease	517D
	Cholestatic Hepatobiliary Diseases	524ABC
	Hidden Hunger: The Challenge of Meeting Micronutrient Requirements	510BD
	Pancreatitis	511BE
	Research Session: Global Health	511CF
12:00 PM – 2:00 PM	LUNCH/POSTER SESSION I/EXHIBITS	210
12:00 PM – 3:00 PM	HANDS ON ENDOSCOPY #1	519
12:30 PM – 2:00 PM	SATELLITE SYMPOSIA	510AC/516C/518
1:00 PM – 3:00 PM	HANDS ON MOTILITY WORKSHOP #1 - pH/IMPEDANCE	520C
2:00 PM	CONCURRENT SESSION II	
	Double Burden of Over and Under Nutrition	511CF
	New Technology and Challenges in Therapeutic Pediatric Endoscopy	517D
	Celiac Disease	524ABC
	Immune Tolerance and Rejection	511BE
	Research Session: Nutrition and Intestinal Rehabilitation	510BD
4:00 PM	PLENARY SESSION II	517ABC
5:45 PM – 7:00 PM	NASPGHAN BUSINESS MEETING AND AWARDS CEREMONY	524ABC
6:00 PM	LASPGHAN SYMPOSIUM	511BE
6:00 PM – 8:30 PM	SOIREE FRANCOPHONE DU WCPGHAN	510BD
6:30 PM	PASPGHAN SYMPOSIUM	511CF
6:30 PM – 8:00 PM	SATELLITE SYMPOSIA	518ABC

Friday, October 7, 2016

6:00 AM – 6:00 PM	REGISTRATION OPEN	517 Foyer
6:00 AM	SATELLITE SYMPOSIA	518
7:00 AM	MEET THE PROFESSOR BREAKFAST SESSIONS	VARIOUS
8:00 AM	PLENARY SESSION III	517ABC
8:00 AM	APGNN/CPNP/PSYCHOLOGY COLLABORATIVE PROGRAM	511AD
9:00 AM – 2:30 PM	EXHIBITION HALL OPEN	210
9:30 AM	BREAK	210



GENERAL INFORMATION

PROGRAM AT A GLANCE cont'd

10:00 AM	CONCURRENT SESSION III	
	Research Session: Video Abstracts	510BD
	Inflammatory Bowel Disease: Diagnosis, Evaluation, Special Problems	517D
	Research Session: Hepatology	511BE
	Research Session: Celiac and Other Luminal Diseases	524ABC
	Research Session: Neurogastroenterology and Motility	511CF
12:00 PM – 2:00 PM	LUNCH/POSTER SESSION II/EXHIBITS	210
12:30 PM – 2:00 PM	SATELLITE SYMPOSIA	510AC/516/518
12:00 PM – 3:00 PM	HANDS ON ENDOSCOPY WORKSHOP #2	519
1:00 PM – 3:00 PM	HANDS ON MOTILITY WORKSHOP #2 - ESOPHAGEAL AND ANORECTAL MANOMETRY	520C
2:00 PM	CONCURRENT SESSION IV	
	Research Session: Inflammatory Bowel Disease	517D
	Pancreatology and Cystic Fibrosis	510BD
	Early Nutrition and Developmental Origins of Gastrointestinal Diseases	511CF
	Quality and Training in Pediatric Endoscopy	524ABC
	Research Session: Transplantation	511BE
4:00 PM	PLENARY SESSION IV	517ABC
7:00 PM – 8:00 PM	INTERNATIONAL FELLOWS MEET AND GREET	512ABEF

Saturday, October 8, 2016

6:30 AM	5K FUN RUN	Park on corner of Rue St Antoine and Bleury
7:00 AM	MEET THE PROFESSOR BREAKFAST SESSIONS	VARIOUS
8:00 AM	PLENARY SESSION V	517ABC
7:30 AM – 5:00 PM	APGNN	511AD
7:30 AM – 5:00 PM	NASPGHAN/CPNP NUTRITION SYMPOSIUM	512CDGH
8:30 AM – 1:30 PM	PSYCHOLOGY COLLABORATIVE GROUP PROGRAM	520C
9:30 AM	BREAK	210
10:00 AM	CONCURRENT SESSION V	
	Hepatitis (Viral and Autoimmune): Pathogenesis, Prevention and Management	510BD
	Common Topics in Neurogastroenterology and Motility Disorders	524ABC
	Growth and Health	511BE
	Allergic Diseases	516
	Inflammatory Bowel Disease	517D
12:00 PM	LUNCH/POSTER SESSION III/EXHIBITS	210
2:00 PM	CONCURRENT SESSION VI	
	IBD Therapeutics	517D
	Genetic and Environmental Roles in Liver Disease	511BE
	Nutrition and Intestinal Rehabilitation	510BD
	GI Infections and Gut Microbiome	524AB
	Abdominal Pain	516
4:00 PM	CONCURRENT SESSION VII	
	Living-Related Transplantation	511CF
	Research Session: Pancreatic Insufficiency/Cystic Fibrosis/Pancreatitis	510BD
	Childhood Diarrhea/Environmental Enteropathies	524ABC
	Hot Topics in Neurogastroenterology	511BE
	Research Session: Celiac and Other Luminal Disorders	517D
	Research Session: Endoscopy/Imaging	516
5:45 PM	CLOSING CEREMONIES	517D
7:00 PM	CONGRESS GALA DINNER - TICKETS REQUIRED	Windsor Station



WCPGHAN 2016



GENERAL INFORMATION

Complimentary Wifi Access

WCPGHAN is pleased to offer complimentary wifi access throughout the Palais des Congrès.

SSID: Palais des Congrès de Montreal

Password: WCPGHAN2016

Location

Palais des Congrès
1001 Place Jean-Paul-Riopelle
Montréal, QC H2Z 1H5

Language

The official language of the meeting is English. All submitted abstracts, full papers, general correspondence, and meeting sessions will also be in English.

Access to the Congress Area

Delegates are kindly requested to wear their badge for the duration of the congress. A delegate badge allows entrance to the scientific sessions and the exhibition.

Replacement of a lost badge is at delegate's expense (handling fee of \$25 CAD) and upon proof of original registration.

Registration Hours

The pre-registration and on-site registration desks are open during the following hours:

Tuesday, October 4, 2016	5:00 PM – 8:00 PM
Wednesday, October 5, 2016	6:00 AM – 8:00 PM
Thursday, October 6, 2016	6:00 AM – 6:00 PM
Friday, October 7, 2016	6:00 AM – 6:00 PM
Saturday, October 8, 2016	6:00 AM – 6:00 PM

Exhibition Hours

The Exhibition Hall is located on the second floor in room 210 and will be open as indicated below:

Wednesday, October 5, 2016	6:00 PM – 8:00 PM
Thursday, October 6, 2016	9:00 AM – 2:30 PM
Friday, October 7, 2016	9:00 AM – 2:30 PM
Saturday, October 8, 2016	9:00 AM – 2:30 PM

Poster Sessions

The Poster area is located in the Exhibit Hall and Poster Sessions will be on Thursday, Friday and Saturday from 12:00 PM - 2:00 PM. All posters must be set up by 9:30 AM the day of the assigned poster presentation. Poster presenters are to be at poster sessions from 12:30 PM – 1:30 PM on the day they are presenting.

Coffee Breaks

Coffee breaks are included in the registration fees and are available to all fully registered participants. Coffee breaks are provided in the Exhibition Hall in the morning and in 517 foyer in the afternoon.

Lunches

Lunch will be held in Exhibit Hall on Thursday, Friday and Saturday. Each registered delegate will receive a coupon for lunch every day in their registration package. Please have your coupon for every day.

Coat Check Room

A cloakroom is located at the 1st floor of the congress venue. Fee: \$2 per coat, \$5 per piece of luggage.

Insurance

Congress organizers cannot accept liability for personal injuries or for loss of, or damage to, property belonging to congress registrants, either during or as a result of the Congress.

No Smoking

Smoking in the meeting area is strictly prohibited.



GENERAL INFORMATION

Mobile Phones

Registrants are kindly requested to set their mobile phones on silent mode when in the meeting rooms where scientific sessions will be held.

Medical Assistance

Should you require medical attention, please ask for assistance at the Palais des Congrès information desk located in the lower foyer or in the case of an emergency, please dial 911.

SOCIAL PROGRAM

- **Wednesday, October 5, 2016**

- **WELCOME RECEPTION**

- 6:15 PM - 8:00 PM

- Join us in the Exhibit Hall - Room 210 to connect with colleagues - old and new over drinks and light hors d'oeuvres.

- **Saturday, October 8, 2016**

- **WCPGHAN 5K FUN RUN/WALK**

- When: 6:30 AM race starts. Please plan to arrive by 6:15 AM.

- Where: Old Montreal

- Departing at 6:30 on Saturday, October 8, 2016, The 5K run will wind through the majestic buildings of Old Montreal to the Port of Montreal and back to the Palais. The 5K will afford you a glimpse of the 375-year history of the City.

- Entry Fee is \$25 US plus tax.

- The race will begin from the park on the corner of Bleury and St Antoine streets, across from the main entrance of the Palais des Congrès. As you will need to sign in, please be there by 6:15 to be ready for the start of the run. Your liability waiver must be signed and returned before you can run. Pick up a copy of the waiver at registration.

- **Saturday, October 8, 2016**

- **CONGRESS GALA DINNER**

- The Windsor Station, which was once a busy passenger railway station, will be the site of the WCPGHAN Gala. The glass domed room will be highlighted by lighting to accent the Starry, Starry Nights theme. Dinner will be served from themed buffet stations featuring foods from Montreal and around the world.

- The evening will be animated by a DJ and dancing.

- The venue is a 15-20 walk from the Palais des congrès. A shuttle service will depart from the Palais at the Viger Street entrance beginning at 6:30 PM and will continue until 7:30 PM. Buses will return to the Palais starting at 9:00 PM and will continue until 10:00 PM.

- Prepurchased tickets are required for entry. If you have not purchased a ticket, please see the Registration Desk. \$25 per Registration and \$100 for accompanying person which includes shuttle transportation, food and beer, wine or soft drinks, and a lot of fun!

Accompanying Person and Tour Program

Montreal is an exciting and vibrant city with so much to offer. Please visit us at the Registration Desk for more information.

Certificates of Attendance

Certificates of attendance will be available at the registration desk beginning on Thursday, October 6, 2016.

Speaker Ready Room

The Speaker Ready Room is located in room 521 and is open during the following hours:

Tuesday, October 4	3:00 PM – 6:00 PM
Wednesday, October 5	7:00 AM – 6:00 PM
Thursday, October 6	7:00 AM – 6:00 PM
Friday, October 7	7:00 AM – 5:00 PM
Saturday, October 8	7:00 AM – 5:00 PM

Multi Faith Prayer Room - 513F

A multi faith room for prayer and reflection is available to WCPGHAN delegates. It is located on the 5th floor in 513F.



WCPGHAN 2016



GENERAL INFORMATION



Federation of International Societies of Pediatric Gastroenterology, Hepatology and Nutrition (FISPGHAN)

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The mission of FISPGHAN is:

- 1. To be an advocate for child health with an emphasis on gastroenterological, hepatological and nutritional conditions worldwide, according to the objectives agreed by the FISPGHAN Council after discussion with all of the full Member Societies.*
- 2. To contribute to research and education in pediatric gastroenterology, hepatology and nutrition.*
- 3. To promote and organize The World Congress of Pediatric Gastroenterology, Hepatology and Nutrition. The aim of the World Congress is to provide a forum for the presentation of high-quality original scientific research.*



GENERAL INFORMATION



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EXECUTIVE DIRECTOR
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The mission of the North American Society for Pediatric Gastroenterology, Hepatology and Nutrition is to be a world leader in research, education, clinical practice and advocacy for pediatric gastroenterology, hepatology and nutrition in health and disease.



WCPGHAN 2018

GENERAL INFORMATION

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Scientific Subcommittees

Celiac and other Luminal Disorders

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Mei Hwei Chang, MD - APPSGHAN
Gilda Porta, MD - LASPGHAN
Nedim (Dino) Hadzic, MD - ESPGHAN

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Frank Ruemmele, MD - ESPGHAN
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GENERAL INFORMATION

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Michael Wilchanski, MD
Harland Winter, MD



GENERAL INFORMATION

FISPGHAN / World Congress Outreach Travel Grants

Thanks to a generous grant from FISPGHAN, FISPGHAN/World Congress Outreach Travel Grants were awarded to allow participation in the World Congress by colleagues from countries designated as other than high income by the World Bank.

Jaya Agarwal, MD, India
Eyad Altamimi, MD, Jordan
Syeda Afria Anwar, MD, Bangladesh
Samir Boukthir, MD, Tunisia
Caroline Anne Castro, MD, Philippines
Montserrat Cazares, MD, Mexico
Judith Cohen Sabban, MD, Argentina
Miriam Cuarterolo, MD, Argentina
Yudith Setiati Ermaya, MD, Indonesia
Maria Agatha Garcia, MD, Philippines
Guillermina Gomez-Navarro, MD, Mexico
Rafael Guerrero-Lozano, MD, Colombia
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Md Iqbal Hossain, MD, Bangladesh
Erika Fabiola Hurtado-Lopez, MD, Mexico
Faika Hussain, MD, Bangladesh
Somia Jamal, MD, Pakistan
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Halil Kocamaz, MD, Turkey
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Romina Mehaudy, MD, Argentina
Joy Kimberly Militante, MD, Philippines
Nadira Musabbir, MD, Bangladesh
Zaheer Nabi, MD, India
John Paul Oliveros, MD, Philippines
Juan Cristobal Ossa, MD, Chile
Mandana Rafeey, MD, Iran (Islamic Republic of)
Kaniz Sultana, MD, Bangladesh
Erick Manuel Toro Monjaraz, MD, Mexico
Miguel Angel Vichido-Luna, MD, Mexico
Laura Villafane, MD, Argentina
Jiang Wu, MD, China
Yuan Xiao, MD, China

Young Investigator Travel Grants

Young Investigator Travel Grants have been granted to young investigators presenting an abstract at the Congress. The grants recognize the scientific excellence of their research.

Fatima Safira Alatas, MD
Arik Alper, MD
Stephanie Bachi de Castro, MD
Danielle Barnes, MD
Christopher Burgess, MD
Mara Cerqueiro Bybran, MD
Sam Cheng, MD
Maire Conrad, MD
Stine Dydensborg Sande, MD
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Sofia Fernandes, MD
Lauren Fiechtner, MD
Simona Gatti, MD
Kazuo Imagawa, MD
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Hyun Jin Kim, MD
Nara Elizabeth Lara Pompa, MD
Kristina L. Leinwand, MD
Anaïs Lemoine, MD
Elena Lionetti, MD
Andrea Lo Vecchio, MD
Peter Lu, MD
Eberhard Lurz, MD
Victoria Martin, MD
Nirmala Mavila, MD
Pooja Mehta, MD
Ethan Mezoff, MD
Phillip Minar, MD
Saeed Mohammad, MD
Amanda Muir, MD
Davide Povero, MD
Piyali Ray, MD
Svetlana Sabel, MD
Aiko Sakai, MD
Anna Sapone, MD
Dominique Schluckebier, MD
Yuto Shimamura, MD
Namita Singh, MD
Judite Sousa, MD
Harry Sutton, MD
Sana Syed, MD
Sharon Tam, MD
Sarah Taylor, MD
Mary Elizabeth Tessier, MD
David Troendle, MD
Johan Van Limbergen, MD
Melissa Weidner, MD
Li Wen, MD
Danielle Wendel, MD
Jiliu Xu, MD



GENERAL INFORMATION

CONTINUING MEDICAL EDUCATION INFORMATION

AMA PRA Statement

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the North American Society for Pediatric Gastroenterology, Hepatology and Nutrition (NASPGHAN) and the World Congress of Pediatric Gastroenterology, Hepatology and Nutrition (WCPGHAN). NASPGHAN is accredited by the ACCME to provide continuing medical education for physicians.

NASPGHAN designates this live activity for a maximum of 33.75 (8.25 for the Post Graduate Course and 25.5 for the World Congress) AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Educational Mission Statement

The education mission of the North American Society for Pediatric Gastroenterology, Hepatology and Nutrition is to: Advance the understanding of normal development, physiology and pathophysiology of diseases of the gastrointestinal tract, liver and nutrition in children.

Improve professional competence, quality of care, and patient outcomes by disseminating knowledge through scientific meetings, professional and public education.

Our activities, education, and interventions will strive to use Adult Learning Methods (ALM) designed to improve competence, practice performance, and patient outcomes in measureable ways. These educational activities will be targeted to pediatric gastroenterologists, physicians with an expertise in pediatric gastroenterology, hepatology, and nutrition, subspecialty fellows in pediatric gastroenterology, and nurses specializing in pediatric gastroenterology, hepatology and nutrition.

Meeting Objectives

To improve clinical competence and performance through:

1. Being acquainted with new discoveries in the pathophysiology of gastrointestinal, pancreatic, hepatobiliary and nutrition-related diseases
2. Exposure to state-of-the art techniques that can be applied to the diagnosis and treatment of gastrointestinal, hepatobiliary, pancreatic and nutrition-related diseases
3. Becoming more familiar with the changing global healthcare environment

Program Evaluation

It is NASPGHAN policy to conduct post activity evaluations. The results of these evaluations play a major role in planning future CME activities and are shared with faculty presenters.

Faculty Disclosure

In order to ensure independence, objectivity and scientific rigor in all activities and in accordance with the ACCME, ANCC and ACPE Standards for Commercial Support, all those in a position to control the content of an educational activity are required to disclose their relevant financial relationships. This includes indicating that one has nothing to disclose. Disclosure information will be distributed to the activity attendees.

Prior to the program, all persons involved in the development or presentation of course content are expected to disclose any relevant financial relationships with any entity producing, marketing, re-selling, or distributing healthcare foods or services consumed by, or used on, patients and related to the content of their presentations. All conflicts have been resolved satisfactorily.



GENERAL INFORMATION

WCPGHAN CORPORATE SUPPORTERS

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Halyard
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Woodward Crohn's and Colitis Foundation



GENERAL INFORMATION

Association of Pediatric Gastroenterology and Nutrition Nurses (APGNN) Educational Conference

Supported in part through restricted educational grants from:

Abbott Nutrition
Mead Johnson Nutrition
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NASPGHAN/CPNP Nutrition Symposium

CPNP Founders

Thanks to the following companies for the support in the establishment of the Council of Pediatric Nutrition Professionals.

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Dr. Schar
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Support for this year's symposium has been provided by:

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WCPGHAN 2016



GENERAL INFORMATION

NASPGHAN FUTURE MEETING DATES

2017 Essential Pediatric Gastroenterology – Everything you want to know... but are afraid to be asked

February 23-25, 2017
Scottsdale Plaza Resort
Scottsdale, AZ

NASPGHAN Nutrition University (N2U)

March 31-April 1, 2017
Chicago, IL

2017 NASPGHAN Annual Meeting and Postgraduate Course

November 1-5, 2017
Caesar's Palace Las Vegas Hotel and Casino
Las Vegas, NV

2018 NASPGHAN Annual Meeting and Postgraduate Course

October 24-28, 2018
Diplomat Resort and Spa
Hollywood, FL

6th World Congress of Pediatric Gastroenterology, Hepatology & Nutrition

June 3-6, 2020
Copenhagen, Denmark
Host Society: ESPGHAN



GENERAL INFORMATION

TEACHING AND TOMORROW PROGRAM PARTICIPANTS

(As of September 2, 2016)

A generous grant from **AbbVie, Inc** allows NASPGHAN to bring pediatric residents in North America to the meeting. The residents listed below will participate in an outstanding program of stimulating educational activities and social interactions throughout the conference.

Zeyad Abdulkader	Mohit Kehar	Allison Waller
Katherine Adams	Sarah Kemme	Grace Wang
Mary Ayers	Francis Kim	Bridget Whitehead
Mohammed Ayoub	Garrett Koon	Kerry Wong
Prerana Baranwal	Amornluck Krasaelap	Jocelyn Young
Roma Bose	Marcelo Lacayo Baez	Tina Zhang
Erica Brenner	Amanda Lee	Yoyo Zhang
Samantha Bruni	Kirsten Madea	Jason Zhang
Aimee Caillet	Savannah Marger	
Crystal Castaneda	April Mathews	
Charles Chen	Molly McGetrick	
Kate Cheng	Craig McKinney	
Elaine Chiang	Rafael Milanés Romero	
Moo Cho	Nathan Zev Minkoff	
Nancy Clemens	Elana Mitchel	
Reuven Zev Cohen	Zahra Nouri	
Elisabeth Cole	Chinonyelum Obih	
Ruben Colman	Susan Okpara	
Brad Constant	Judy-April Oparaji	
Conrad Cox	Itzel J. Osornio Garcia	
Rhanda Darville	Lidija Palezac	
Jennifer Deluty	Samit Patel	
Peace Dike	Stephania Pena Hernandez	
Denise Do	Claudia Phen	
Sarah Donnelly	Phil Quon	
Eric Dybbro	Ajay Reddy	
Price Edwards	Pooja Reddy	
Niyomi Gandhi	Eshan Samuel	
Meghan Gibson	Tara Sarin	
Alyssa Goldberg	Alex Schosheim	
Michelle Gould	Scott Sexton	
Arielle Grossman	Melissa Shapiro	
Alexis Gumm	Monica Shukla-Udawatta	
Jennifer Halma	Elizabeth Sinclair	
Linley Harvie	Amrita Sinha	
Rachel Herdes	John Stone	
Ivonne M Iglesias Escabi	Jaclyn Strauss	
Chaowapong Jarasvaraparn	Allison Ta	
Cory Jones	Kimberly Trieschmann	
Shelly Joseph	Benjamin Waddell	
Brenna Keane	Carter Wallace	



GENERAL INFORMATION

World Congress of Pediatric Gastroenterology, Hepatology and Nutrition Postgraduate Course (separate registration required) October 5, 2016 Palais des Congres, Montreal, Canada 8:00 AM - 5:00 PM

7:55 AM – 8:00 AM	Welcome and Introduction
8:00 AM – 9:15 AM	MODULE 1 - ENDOSCOPY Moderators: Marsha Kay, MD and Melanie Greifer, MD Practical advances in pediatric endoscopy: Keeping it real <i>Bradley Barth, MD, University of Texas Southwestern, Dallas, TX, USA</i> Learning objectives: 1. Improve understanding of pediatric specific factors relating to emerging hemostatic techniques 2. Improve understanding of the role that diagnostic and therapeutic endoscopic ultrasound can play in the care of pediatric patients 3. Discuss the role of the pediatric gastroenterologist and pediatric endoscopist in 2016 Colonoscopy considerations in lower GI emergencies <i>Doug Fishman, MD, Baylor College of Medicine, Houston, TX, USA</i> Learning objectives: 1. Discuss the role of endoscopy in lower GI emergencies 2. Explain peri-procedure considerations in various disease states 3. Outline diagnostic and therapeutic options and techniques in colonoscopy for lower GI emergencies Endoscopic interventions in GI motility disorders <i>Ajay Kaul, MD, Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA</i> Learning objectives: 1. Identify motility disorders of the GI tract that are amenable to endoscopic intervention 2. Discuss specific endoscopic interventions as treatment options for GI motility disorders 3. Discuss outcomes of endoscopic interventions for GI motility disorders Rapid Fire Q and A
9:15 AM – 10:50 AM	MODULE 2 - GI POTPOURRI Moderators: Terry Sigman, MD and Jennifer Strople, MD New insights into congenital diarrheal disorders <i>Martin Martin, MD, University of California, Los Angeles, CA, USA</i> Learning objectives: 1. Review the clinical work-up of an infant with congenital diarrhea 2. Outline the diagnostic dietary challenges that can be used to categorize this group of children 3. Discuss the use of whole exome sequencing in evaluating patients with congenital diarrhea Genotype and phenotype characterization of hereditary polyposis syndromes <i>Carol Durno, MD, University of Toronto, Toronto, ON, Canada</i> Learning objectives: 1. Understand the current classification of intestinal polyposis 2. Highlight new diagnostic considerations in polyposis syndromes 3. Review the emerging role of immunotherapy in the management of specific polyposis-associated colorectal cancers



GENERAL INFORMATION

Interventions for managing obesity in children: Lifestyle, medications and surgery
Joel Lavine, MD, Columbia University, New York, NY, USA

Learning objectives:

1. Recognize the need for early identification of children at risk for obesity and recommend institution of sustainable lifestyle interventions
2. Be aware of the pharmacologic targets based on knowledge of energy regulation and feeding behavior, and evolving strategies to intervene
3. Be able to identify adolescents who may benefit from bariatric surgery intervention and be knowledgeable of risk

Intestinal failure: The long and short of the matter

Valeria Cohran, MD, Ann and Robert Lurie Children's Hospital of Chicago, Chicago, IL, USA

Learning objectives:

1. List the prognostic indicators of achieving enteral autonomy
2. Describe the rationale for the use of prebiotics
3. Discuss the evidence that supports the use of breast milk in patients with short bowel syndrome
4. Define dysbiosis in patients with short bowel syndrome

Rapid Fire Q and A

10:50 AM

Break

11:10 AM – 12:25 PM

MODULE 3 – INFLAMMATORY BOWEL DISEASE

Moderators: Maria Oliva - Hemker, MD and Jennifer Strople, MD

Diet in pediatric IBD: Food for thought...

Sandy Kim MD, Nationwide Children's Hospital, Columbus, OH, USA

Learning objectives:

1. Address how our diet impacts the gastrointestinal tract
2. Review the efficacy of enteral therapy in Crohn's disease
3. Discuss specific defined diets which have been utilized in IBD

Biosimilars in IBD: Lessons from our European colleagues

Lissy de Ridder MD, Erasmus Hospital, Rotterdam, The Netherlands

Learning objectives:

1. Learn the difference between a generic and a biosimilar
2. Understand the important driver behind the introduction of anti-TNF biosimilars
3. Know if and when we should we switch to biosimilars or not

The role of objective disease monitoring in IBD

Anne Griffiths MD, The Hospital for Sick Children, Toronto, ON, Canada

Learning objectives:

1. Establish treatment targets in IBD
2. Understand the utility and limitations of serum and fecal inflammatory biomarkers
3. Utilize and interpret imaging and/or endoscopic findings appropriately

Rapid Fire Q and A

12:25 PM – 1:50 PM

Learning Lunches (separate registration required):

1. Therapeutic endoscopy – Bradley Barth and Doug Fishman
Moderator: Marsha Kay, MD
2. Upper GI tract motility disorders – Ajay Kaul and Samuel Nurko
Moderator: Ritu Walia, MD
3. Challenging Liver Cases – Binita Kamath and Fernando Alvarez
Moderator: Henry Lin, MD
4. Diet in IBD – Sandra Kim, Lindsey Albenberg and Inez Martincevic
Moderator: Dinesh Pashankar, MD



GENERAL INFORMATION

5. IBD: Top Down/Step Up – Lissy de Ridder and Anne Griffiths
Moderator: Maria Oliva Hemker, MD
6. Short Gut – Valeria Cohran and Ethan Mezoﬀ
Moderator: Jyoti Ramakrishna, MD
7. Obesity – Joel Lavine, Jennifer Woo Baidal and Christine Haro
Moderator: Elizabeth Yu, MD
8. Pancreas – Mark Lowe and Maisam Abu-El-Haija
Moderator: Deborah Neigut, MD
9. Polyposis – Carol Durno and Shlomi Cohen
Moderator: Maria Perez, MD
10. Diarrhea – Martín Martín and Natalie Terry
Moderator: Terry Sigman, MD
11. Functional GI Disorders – Marc Benninga and Carlo Di Lorenzo
Moderator: Deepali Tewari, MD

1:50 PM – 3:25 PM

MODULE 4 - LIVER/PANCREAS

Moderators: Regino Gonzalez-Peralta, MD and Melanie Greifer, MD

Updates on autoimmune hepatitis and “overlap syndromes”
Fernando Alvarez, MD, University of Montreal, Montreal, QC, Canada

Learning objectives:

1. Characterize the clinical, biochemical and histologic phenotypes of liver autoimmune disorders
2. Understand the differential diagnosis of liver autoimmune diseases
3. Learn the prognosis of patient based on final diagnosis and liver status at onset

Alagille syndrome: What’s new?

Binita Kamath, MD, The Hospital for Sick Children, Toronto, ON, Canada

Learning objectives:

1. Recognize the broader genotype and phenotype associated with Alagille syndrome
2. Identify a novel method to predict liver disease outcomes in Alagille syndrome
3. Discover a potential novel therapy for pruritus in Alagille syndrome
4. Explore advances in stem-cell based technologies that may shed light on disease mechanisms in Alagille syndrome and other biliary disorders

Steatorrhea: What if it’s not cystic fibrosis?

Mark Lowe, MD, University of Pittsburgh, Pittsburgh, PA, USA

Learning objectives:

1. Explain the physiology of dietary fat digestion and absorption
2. Recall the differential diagnosis of fat malabsorption
3. Discuss the pros and cons of tests for pancreatic insufficiency

Bienvenue: 2016 updates in pediatric acute pancreatitis management

Maisam Abu-El-Haija, MD, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH, USA

Learning objectives:

1. Recognize the impact of acute pancreatitis in pediatrics
2. Identify background, prevalence and etiologies of pediatric pancreatitis
3. Recognize the advances in management of acute pancreatitis up to the year 2016
4. Recognize and manage severe acute pancreatitis

Rapid Fire Q and A



GENERAL INFORMATION

3:45 PM – 5:00 PM

MODULE 5 - FUNCTIONAL GASTROENTEROLOGY

Moderators: Deepali Tewari, MD and Melanie Greifer, MD

The new Rome IV criteria for infants with functional gastrointestinal disorders
Marc Benninga, MD, University of Amsterdam, Amsterdam, The Netherlands

Learning objectives:

1. Learn about the new Rome IV criteria for functional GI disorders in the first 4 years of life
2. To learn about the microbiome in infants with colic
3. To learn about new algorithms to diagnose and treat infants and toddlers with functional GI disorders

Not everything that comes up IS reflux: “Vomiting” in the older child
Samuel Nurko, MD, Boston Children’s Hospital, Boston, MA, USA

Learning objectives:

1. Recognize the differential diagnosis of vomiting in the older child
2. Describe the evaluation of the child with vomiting
3. Understand the treatment of the older child with vomiting

How to make the bowel less irritable: Update on treatment of IBS
Carlo Di Lorenzo MD, Nationwide Children’s Hospital, Columbus, OH, USA

Learning objectives:

1. Become familiar with the central and peripheral pathogenetic mechanisms of IBS
2. Recognize the role of dietary treatment of childhood IBS
3. Understand the value of pharmacological and non-medical treatment of childhood IBS

Rapid Fire Q and A



GENERAL INFORMATION

Society Meetings

October 5 – 8, 2016

Wednesday, October 5

12:00 PM – 2:00 PM	NASPGHAN Endoscopy Committee Meeting	514A
12:00 PM – 2:00 PM	NAPGHAN Research Committee Meeting	514B
4:00 PM – 6:00 PM	APPSPGHAN Main Members Meeting	514A
7:00 PM – 10:00 PM	Management of Acute Pancreatitis Project	514B

Thursday, October 6

7:00 AM – 8:00 AM	NASPGHAN International Committee Meeting	522A
7:00 AM – 8:00 AM	NASPGHAN Publications Committee Meeting	522B
7:00 AM – 8:00 AM	NASPGHAN Neurogastroenterology and Motility Committee Meeting	522C
7:00 AM – 8:00 AM	NASPGHAN Public Education Committee Meeting	513E
12:00 PM – 2:00 PM	NASPGHAN Hepatology Committee Meeting	514A
12:00 PM – 2:00 PM	NASPGHAN Pancreas Committee Meeting	514B
12:00 PM – 2:00 PM	NASPGHAN Training Committee Meeting	514C
12:00 PM – 2:00 PM	NASPGHAN Professional Education Committee Meeting	515A
12:00 PM – 2:00 PM	NASPGHAN Professional Development Committee Meeting	515B
12:00 PM – 2:00 PM	NASPGHAN IBD Committee Meeting	515C
12:00 PM – 2:00 PM	NASPGHAN Public Affairs and Advocacy Committee Meeting	513A
12:00 PM – 2:00 PM	FISPGHAN Expert Teams Meeting	513D
5:45 PM – 7:00 PM	NASPGHAN Business Meeting and Awards Ceremony	524ABC
7:00 PM – 10:00 PM	Nutritional Considerations in Pediatric Pancreatic Diseases Project	514B
8:45 PM	LASPGHAN Business Meeting	511BE

Friday, October 7

7:00 AM – 8:00 AM	NASPGHAN Technology Committee Meeting	522A
7:00 AM – 8:00 AM	NASPGHAN Fellows Committee Meeting	522B
7:00 AM – 8:00 AM	NASPGHAN MOC Committee Meeting	522C
7:00 AM – 8:00 AM	NASPGHAN Global Health SIG	513E
7:00 AM – 8:00 AM	NASPGHAN Finance Committee Meeting	520B
12:00 PM – 2:00 PM	NASPGHAN CCQ Committee Meeting	514A
12:00 PM – 2:00 PM	NASPGHAN Clinical Practice Committee Meeting	514B
12:00 PM – 2:00 PM	NASPGHAN Nutrition Committee Meeting	514C
12:00 PM – 2:00 PM	FISPGHAN Council Meeting	515A
12:00 PM – 2:00 PM	NASPGHAN Training Program Director's Meeting	520B



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Friday, October 7 cont'd

12:00 PM – 2:00 PM	NASPGHAN FMT SIG Meeting	515B
5:15 PM – 5:45 PM	APGNN Committee Meetings	
	• Media	513A
	• Research	513B
	• PT and Family Education	513C
	• Clinical Practice	513D
	• Program	514A
	• Membership	514B
6:00 PM	CAPGAN Council	522A

Saturday, October 8

7:00 AM – 8:00 AM	NASPGHAN Clinical Trials Registry - Scientific Advisory Board Meeting	513E
7:00 PM – 8:00 AM	FISPGHAN Council Meeting	515A
8:00 AM – 8:30 AM	APGNN Business Meeting	511AD
12:30 PM – 1:30 PM	CPNP Business Meeting	512ABEF
12:30 PM – 1:30 PM	Psychologists Meet and Greet/Business Meeting	520B



GENERAL INFORMATION

Thursday, October 6, 2016 SATELLITE SYMPOSIA

Hosted by: Nestlé Nutrition Institute

Best Practices - Nutritional Considerations for Prevention and Management of Allergic Disease

6:30 AM – 8:00 AM - Room 516

(Breakfast will be served from 6:00 AM)

Title:

Best Practices - Nutritional Considerations for Prevention and Management of Allergic Disease

Sponsorship Statement:

Presented for attendees of the World Congress. This is not an official World Congress event.
This event is sponsored by Nestlé Nutrition Institute.

Date:

Thursday, October 6, 2016

Time:

6:30 AM – 8:00 AM

Location:

Palais des Congrès - Room 516

Faculty:

MODERATOR

Frank Ruemmele, MD, PhD

SPEAKERS

Jan Bernhisel-Broadbent, MD

Hania Szajewska, MD

Anna Nowak-Wegrzyn, MD

Overview:

Pediatric allergies continue to rise and have become a growing concern. As pediatric gastroenterologists, we face families who struggle with nutrition decisions and are desperate to find a way to improve the quality of life in their household. However, reviewing the current science in the prevention and management of allergic diseases can be controversial. What guidelines do current expert bodies say about dietary intervention? Join the Nestlé Nutrition Institute for valuable insights and the opportunity to hear from a distinguished faculty as they discuss compelling clinical results and the role this has in improving patient outcomes.

Learning objectives:

1. Describe the effect of the increasing problem of pediatric allergy on quality of life for patients.
2. Analyze the scientific evidence that demonstrates the long-term effects of optimal nutrition in preventing infant allergy.
3. Review controversies of the management of non-IgE mediated food allergy disorders.
4. Describe best practices in the management of non-IgE mediated food allergy disorders.

AGENDA:

6:00 AM – 6:30 AM	Registration and Breakfast	
6:30 AM – 6:40 AM	Welcome and Introduction	Professor Frank Ruemmele
6:40 AM – 7:00 AM	Pediatric Allergy Disease and its Impact on Quality of Life	Dr. Jan Bernhisel-Broadbent
7:00 AM – 7:20 PM	Hydrolyzed Formulas for Allergy Prevention. Why Meta-Analyses May Reach Different Conclusions	Professor Hania Szajewska
7:20 AM – 7:40 AM	Non-IgE-mediated Gastrointestinal Food Allergies – What Is It and How Should We Manage It?	Dr. Anna Nowak-Wegrzyn
7:40 AM – 7:55 AM	Panel Q & A	All
7:55 AM – 8:00 AM	Closing Remarks	Professor Frank Ruemmele



GENERAL INFORMATION

Thursday, October 6, 2016 SATELLITE SYMPOSIA

Hosted by: BioGaia

L. reuteri *Protectis*, a probiotic for many functional GI disorders –
Can its effect on gastrointestinal motility and pain perception be the key?

12:30 PM – 2:00 PM - 510AC
(Lunch will be served from 12:00 PM)

Title:

L. reuteri *Protectis*, a probiotic for many functional GI disorders: Can its effect on gastrointestinal motility and pain perception be the key?

Sponsorship Statement:

Presented for attendees of the World Congress. This is not an official World Congress event. This event is sponsored by BioGaia.

Date:

Thursday, October 6th, 2016

Time:

12:30 PM – 2:00 PM

Location:

Palais des Congrès - Room 510C

Faculty/Host:

Michael D. Cabana, MD, MPH
Professor of Pediatrics, Biostatistics and Epidemiology,
University of California, San Francisco (UCSF), USA

Guests:

Flavia Indrio, MD

Senior Consultant, Neonatologist Pediatric Gastroenterologist
Department of Paediatrics, University of Bari, Italy

Zvi Weizman, MD

Professor of Pediatrics, Pediatric Gastroenterology and Nutrition Service,
Ben-Gurion University, Beer-Sheva, Israel

Wolfgang Kunze, PhD

Associate Professor, Gut, Brain and Aging Laboratory, The Brain-Body Institute,
St Joseph's Healthcare and McMaster University, Hamilton, Canada

Stefano Guandalini, MD

Professor of Pediatrics, Division of Gastroenterology, Hepatology and Nutrition,
University of Chicago Comer Children's Hospital, Chicago, IL, USA

Overview:

You're welcome to join us for the launch of The Brilliant Minds Studio in North America!
Professor M. Cabana from UCSF, San Francisco will be the host of the Studio and has invited prominent speakers and researchers in the pediatric field; Flavia Indrio MD, Stefano Guandalini MD, Zvi Weizman MD and Wolfgang Kunze PhD.
You will be listening to interesting and brilliant discussions on the topic "*L. reuteri* *Protectis*: a probiotic for many functional GI disorders - can its effect on gastrointestinal motility and pain perception be the key?"

Learning objectives:

To learn about the strain-specific clinical effects and mode of action of *L. reuteri* *Protectis* in infantile colic and other functional gastrointestinal disorders, like functional constipation and functional abdominal pain.



WCPGH 2016



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Thursday, October 6, 2016 SATELLITE SYMPOSIA

Hosted by: Biocodex
All Diseases Begin in the Gut
12:30 PM – 2:00 PM - 516C
(Lunch will be served from 12:00 PM)

Title:

All Diseases Begin in the Gut

Sponsorship Statement:

Presented for attendees of the World Congress. This is not an official World Congress event. This event is sponsored by Biocodex.

Date:

Thursday, October 6, 2016

Time:

12:30 PM – 2:00 PM

Location:

Palais des Congrès - Room 516C

Faculty:

Alfredo Guarino

Professor of Pediatrics, Chief, Unit of Pediatric Infectious Diseases and Clinical Nutrition, Department of Translational Medical Science
- Section of Pediatrics, Chief, Residency School of Pediatrics, University of Naples Federico II, Naples, Italy

Jean-Eric Ghia

Associate Professor, Departments of Immunology & Internal Medicine (Gastroenterology) University of Manitoba, Canada
Director, Gastrointestinal Basic Biology Research, IBD Clinical & Research Centre

Ener Cagri Dinleyici

Professor in Pediatrics, Eskisehir Osmangazi University, Faculty of Medicine, Department of Pediatrics
Eskisehir, Turkey

Hania Szajewska

Professor and Chair of Pediatrics at the Medical University of Warsaw, Poland

Overview:

Among children, the gut microbiota is a fragile ecosystem, easily disturbed by various external forces, such as antibiotics. One of the key means of protecting the microbiota is the usage of probiotics.

Antibiotics consumption is a rising concern for antibiotic-associated diarrhea, a disorder frequently seen in clinical practice since antibiotics disturb the gut microbiota and may cause long-lasting effects on healthy gut microbiota.

Biocodex's Satellite Symposium "All Diseases Begin in the Gut" aims to highlight state-of-the-art data on the role of *Saccharomyces boulardii* CNCM I-745 through the modulation of microbiota-related conditions.

Learning objectives:

The first 3 years of life represent the most critical period for interventions aimed at microbiota modulation to improve child growth, immunity and health through lifetime.

The learning objectives of the Biocodex's Satellite Symposium "**All Diseases Begin in the Gut**" is to improve medical knowledge on the role of probiotics in pediatrics gastroenterology through the modulation of microbiota related illnesses.



GENERAL INFORMATION

Agenda:

12:30 PM - 12:35 PM	Welcome from the President
12:35 PM - 12:55 PM	Protecting the Human Gut Microbiota in Children Prof. Jean-Eric Ghia (Canada)
12:55 PM - 1:15 PM	From Science to Clinical Practice: Microbiota in Children Treated with <i>Saccharomyces boulardii</i> CNCM I-745 Prof. Ener Cagri Dinleyici (Turkey)
1:15 PM - 1:35 PM	From Science to Clinical Practice: <i>Saccharomyces boulardii</i> CNCM I-745 in the Prevention of Antibiotic-Associated Diarrhea Prof. Hania Szajewska (Poland)
1:35 PM - 1:45 PM	The Art of Translating Science into the Clinical Practice: The Role of Guidelines for Probiotics Use Prof. Alfredo Guarino (Italy)
145 PM - 1:55 PM	Interactive Session
1:55 PM - 2:00 PM	Session Conclusions



GENERAL INFORMATION

Thursday, October 6, 2016 SATELLITE SYMPOSIA

Hosted by: Janssen
Optimizing Biologic Therapy in Pediatric IBD Patients
12:30 PM – 2:00 PM - 518ABC
(Lunch will be served from 12:00 pm)

Title:

Optimizing Biologic Therapy in Pediatric IBD Patients

Sponsorship Statement:

Presented for attendees of the World Congress. This is not an official World Congress event. This event is sponsored by Janssen.

Date:

Thursday, October 6, 2016

Time:

12:30 PM – 2:00 PM

Location:

Palais des Congrès – Room 518ABC

Chair:

Dr. Anne Griffiths

The Hospital for Sick Children, Toronto, ON, Canada

Faculty:

Dr. Eric Benchimol

Children's Hospital of Eastern Ontario, Ottawa, ON, Canada

Dr. Thomas Walters

The Hospital for Sick Children, Toronto, ON, Canada

Overview:

Please join our world-class faculty of Canadian Pediatric IBD experts, Drs. Anne Griffiths, Eric Benchimol and Thom Walters in an interactive discussion on “Optimizing Biologic Therapy in Pediatric IBD Patients”.

Learning objectives:

1. Understand the pharmacokinetic principles of biologic therapy in IBD
2. Use Therapeutic Drug Monitoring to ensure durable and lasting remission
3. Increase awareness of emerging novel biologics and upcoming trials in pediatric IBD



GENERAL INFORMATION

Thursday, October 6, 2016 SATELLITE SYMPOSIA

Hosted by: Alexion

Clinical Challenges: Expanding Your Differential of Fatty Liver Disease

6:30 PM – 8:00 PM - 518ABC
(Dinner will be served from 6:00 PM)

Title:

Clinical Challenges: Expanding Your Differential of Fatty Liver Disease

Sponsorship Statement:

Presented for attendees of the World Congress. This is not an official World Congress event. This event is sponsored by Alexion.

Date:

Thursday, October 6, 2016

Time:

6:30 PM – 8:00 PM

Location:

Palais des Congrès – Room 518ABC

Chair:

Athos Bousvaros, MD, MPH

Associate Chief, Division of Gastroenterology, Hepatology and Nutrition

Associate Director, Inflammatory Bowel Disease Center, Boston Children's Hospital

Faculty:

Florence Lacaille, MD

Pediatric Hepatologist

Pediatric Gastroenterology-Hepatology-Nutrition Unit

Hôpital Necker-Enfants Malades, Paris, France

Katryn Furuya, MD

Associate Professor of Pediatrics

Division of Pediatric Gastroenterology and Solid Organ Transplant, Mayo Clinic

Overview:

This case-based symposium will use two patient cases to emphasize the challenges in determining the etiology of fatty liver disease in pediatric patients. Symposium chair Athos Bousvaros, MD, MPH, will be joined by faculty speakers, Florence Lacaille, MD, and Katryn Furuya, MD, in discussing their approach to each patient case. The faculty will review their diagnostic process in a stepwise fashion from initial presentation to final diagnosis and will highlight when to consider a rare disease in the differential diagnosis.

Learning objectives

1. Facilitate improved diagnosis of pediatric liver diseases
2. Advance understanding of common and rare, pediatric, chronic liver diseases
3. Review the latest management approaches for select, chronic, pediatric liver diseases

Agenda

Time

Topic

6:30 PM - 6:40 PM

Welcome and Overview

6:40 PM - 7:05 PM

Expanding Your Differential of Fatty Liver Disease: Case Experience 1

7:05 PM - 7:45 PM

Expanding Your Differential of Fatty Liver Disease: Case Experience 2

7:45 PM - 8:00 PM

Conclusion and Q&A



WCPGHAN 2016



GENERAL INFORMATION

Friday, October 7, 2016 SATELLITE SYMPOSIA

Hosted by: Nutricia

Emerging Evidence: The Role of the Intestinal Microbiome in the Management of Pediatric Allergy

6:30 AM – 8:00 AM - Room 518ABC

(Breakfast will be served at 5:30 AM)

Title:

Emerging Evidence: The Role of the Intestinal Microbiome in the Management of Pediatric Allergy

Sponsorship Statement:

Presented for attendees of the World Congress. This is not an official World Congress event. This event is sponsored by Nutricia.

Date:

Friday, October 7, 2016

Time:

6:00 AM - 8:00 AM

Location:

Palais des Congrès – Room 518ABC

Faculty:

Chair: Dr. Barry Wershil, MD – Pediatric Gastroenterologist

Division Head, Gastroenterology, Hepatology and Nutrition, Lurie Children's Hospital

Professor of Pediatrics, Northwestern University Feinberg School of Medicine

Speaker 1: Professor Kelly Tappenden, PhD, RD, FASPEN

University of Illinois at Urbana-Champaign

Probiotics, prebiotics and recent advances in our knowledge of the infant intestinal microbiome in health and disease

Speaker 2: Dr. Louise Michaelis, BSc (Hons), MBChB, MRCPCH, MSc, Consultant Paediatric, Allergist

Royal Victoria Infirmary, Newcastle upon Tyne

Emerging evidence: The gut microbiota and the management of pediatric cow milk allergy. What does it mean for you and your patients?

Overview:

Moderated by Dr. Barry Wershil, MD, this educational symposium will cover recent advances related to the infant intestinal microbiome. Speakers Professor Kelly Tappenden, PhD, RD, FASPEN and Dr. Louise Michaelis, BSc (Hons), MBChB, MRCPCH, MSc will discuss the role of probiotics and prebiotics in pediatric nutrition and how specific synbiotics address underlying gut dysbiosis in the dietary management of cow milk allergy.

Learning objectives:

1. Describe advances in the knowledge of the infant intestinal microbiome in health and disease
2. Understand the role of specific probiotics and prebiotics in pediatric nutrition
3. Discuss emerging evidence for the management of pediatric cow milk allergy and the clinical relevance of this



GENERAL INFORMATION

Friday, October 7, 2016 SATELLITE SYMPOSIA

Hosted by: Shire

Revestive® (teduglutide): Treating Short Bowel Syndrome

12:30 PM – 2:00 PM - Room 510A

(Lunch will be served from 12:00 PM)

Title:

Revestive® (teduglutide): Treating Short Bowel Syndrome

Sponsorship Statement:

Presented for attendees of the World Congress. This is not an official World Congress event. This event is sponsored by Shire.

Date:

Friday, October 7, 2016

Time:

12:30 PM - 2:00 PM

Location:

Palais de Congrès – Room 510AC

Faculty:

Dr. David Bull

Moderator/UK

Prof. Olivier Goulet

Professor of Pediatrics,

Necker Enfants Malades University Hospital, Paris, France

Dr. David Sigalet

Pediatric General Surgeon,

Sidra Medical & Research Centre,

Doha, Qatar

Dr. Susan Hill

Consultant Pediatric Gastroenterologist,

Great Ormond Street Hospital, London, UK

Overview:

Short bowel syndrome with intestinal failure (SBS-IF) is a rare, complex and potentially life-threatening condition. Children with SBS-IF are dependent on long-term parenteral nutrition for necessary fluids and nutrients due to reduced intestinal absorptive capacity.

In this symposium, leading international experts will review the etiology, clinical manifestations and evolving management strategies for children with SBS-IF.

Learning objectives:

1. Educate on short bowel syndrome (SBS) in children
2. Present and discuss Revestive® data



WCPGH 2016



GENERAL INFORMATION

Friday, October 7, 2016 SATELLITE SYMPOSIA

Hosted by: AbbVie, Inc.

A Step Forward in Diagnosis and Monitoring in Pediatric IBD

12:30 PM – 2:00 PM - Room 516
(Lunch will be served from 12:00 pm)

Title:

A Step Forward in Diagnosis and Monitoring in Pediatric IBD

Sponsorship Statement:

Presented for attendees of the World Congress. This is not an official World Congress event. This event is sponsored by AbbVie Inc.

Date:

Friday, October 7, 2016

Time:

12:30 PM – 2:00 PM

Location:

Palais des Congrès – Room 516

Faculty:

Anne Griffiths, MD (Chair), The Hospital for Sick Children University of Toronto, ON, Canada

Ernest Seidman, MD, McGill University, Montreal, Canada

Dan Turner, MD, Shaare Zedek Medical Center, Israel

Shehzad Saeed, MD, King Saud University, Riyadh, Saudi Arabia

Overview:

Pediatric IBD is a chronic and relapsing disorder requiring accurate diagnosis and close monitoring throughout the patient journey. This symposium will review the importance of timely diagnosis and effective use of monitoring tools in pediatric IBD. Key approaches for monitoring patients more effectively, and less invasively, will be discussed. The value of novel and classic biomarkers will be reviewed, and indices for measuring intestinal damage and disease progression will be considered. We will also explore the value of information technology to help provide support for patients and improve pediatric IBD care. We look forward to you joining us in Montréal.

Learning objectives:

The aims of the symposium are to communicate:

1. Effective use of diagnosing and monitoring tools in pediatric Crohn's disease
2. Key considerations in monitoring patients more effectively (and less invasively)
3. The importance of novel and classic biomarkers in pediatric IBD
4. Measuring intestinal damage and disease progression in pediatric Crohn's disease
5. Usefulness of IT tools to improve pediatric IBD care

Agenda:

TIME	TALK	SPEAKER(S)
12:30 PM	Welcome and introduction	Anne Griffiths (Chair), Canada
12:35 PM	Can we monitor our patients in a more effective way?	Anne Griffiths, Canada
12:50 PM	The role of novel and classic biomarkers in pediatric IBD	Ernest Seidman, Canada
1:10 PM	Measuring intestinal damage and disease progression in pediatric Crohn's disease	Dan Turner, Israel
1:30 PM	Empowering IT tools to improve pediatric IBD care	Shehzad Saeed, USA
1:50 PM	Discussion	All
2:00 PM	Close	



GENERAL INFORMATION

Friday, October 7, 2016 SATELLITE SYMPOSIA

Hosted by: Abbott Nutrition

Evolving Science: Nutrition for the Normal and Abnormal States

12:30 PM – 2:00 PM - **Room 518ABC**

(Lunch will be served from 12:00 PM)

Title:

Evolving Science: Nutrition for the Normal and Abnormal States

Sponsorship Statement:

Presented for attendees of the World Congress. This is not an official World Congress event. This event is sponsored by Abbott Nutrition.

Date:

Friday, October 7, 2016

Time:

12:30 PM – 2:00 PM

Location:

Palais des Congrès – Room 518ABC

Faculty:

Moderator

Larry Williams, Medical Director, Abbott Nutrition

Speaker 1:

David J. Hackam, MD, PhD, FACS

Chief of Pediatric Surgery, Johns Hopkins University

Garrett Professor of Pediatric Surgery

Surgeon in Chief and Co-Director, Bloomberg Children's Center, Johns Hopkins Hospital

Topic: Human Milk Oligosaccharides (HMO)

Title: New Approaches to the Prevention and Treatment of NEC: Toll Like Receptors and Beyond

Speaker 2:

Chris Liacouras, MD

Children's Hospital of Philadelphia

Topic: Eosinophilic Esophagitis (EoE)

Title: Update on EoE

Chris Liacouras, MD, is Professor of Pediatrics and a board certified pediatric gastroenterologist in the Division of Gastroenterology, Hepatology and Nutrition at the Children's Hospital of Philadelphia.

Overview:

Join us for a lunchtime symposium on October 7, at 12:30 PM for a discussion of two clinical problems that impact childhood nutrition.

Dr. David Hackam, Chief of Pediatric Surgery at Johns Hopkins University, will discuss the importance of Human Milk Oligosaccharides (HMOs) in the nutrition and health of premature infants. His lab has shown in an animal model that HMOs can very positively affect the development of necrotizing enterocolitis by protecting mucosal blood flow. Dr. Chris Liacouras, Professor of Pediatrics in the Division of Pediatric Gastroenterology at the Children's Hospital of Philadelphia, will discuss the nature of eosinophilic gastrointestinal disease and current diagnosis, management, and prognosis of eosinophilic esophagitis.

Learning objectives:

1. Human Milk Oligosaccharides (HMO)
2. Eosinophilic Esophagitis (EoE)

Agenda:

12:30 PM - 12:35 PM	Welcome:	Moderator, Larry Williams
12:35 PM - 1:05 PM	Speaker #1:	David Hackam
1:05 PM - 1:35 PM	Speaker #2:	Chris Liacouras
1:35 PM – 2:00 PM	Q/A & Closing:	Larry Williams



WCPGHAN 2016



GENERAL INFORMATION

Wednesday, October 5, 2016 OPENING CEREMONY

**5:15 PM – 6:15 PM
517ABC**

Wednesday, October 5, 2016 WELCOME RECEPTION

**6:15 PM – 8:00 PM
210 Exhibition Hall**

Join us in the Exhibit Hall - Room 210 to connect with colleagues
old and new over drinks and light hors d'oeuvres.

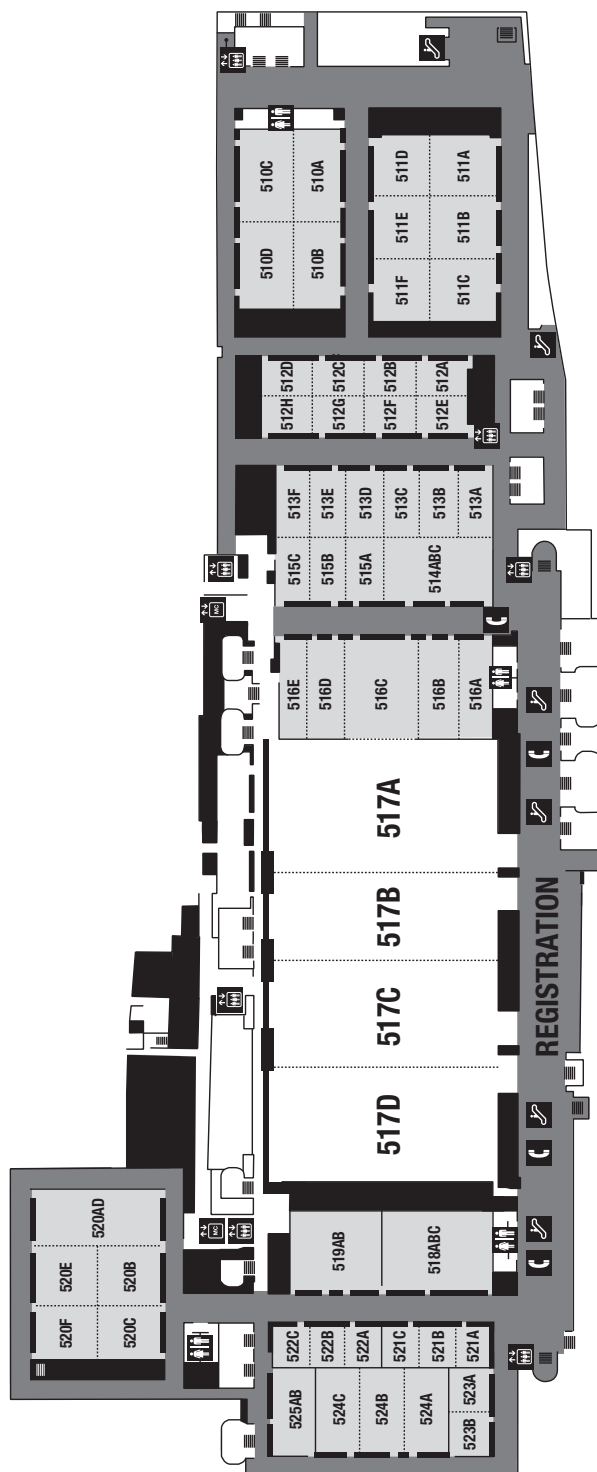


GENERAL INFORMATION

FLOOR PLAN

Level 5 / Niveau 5

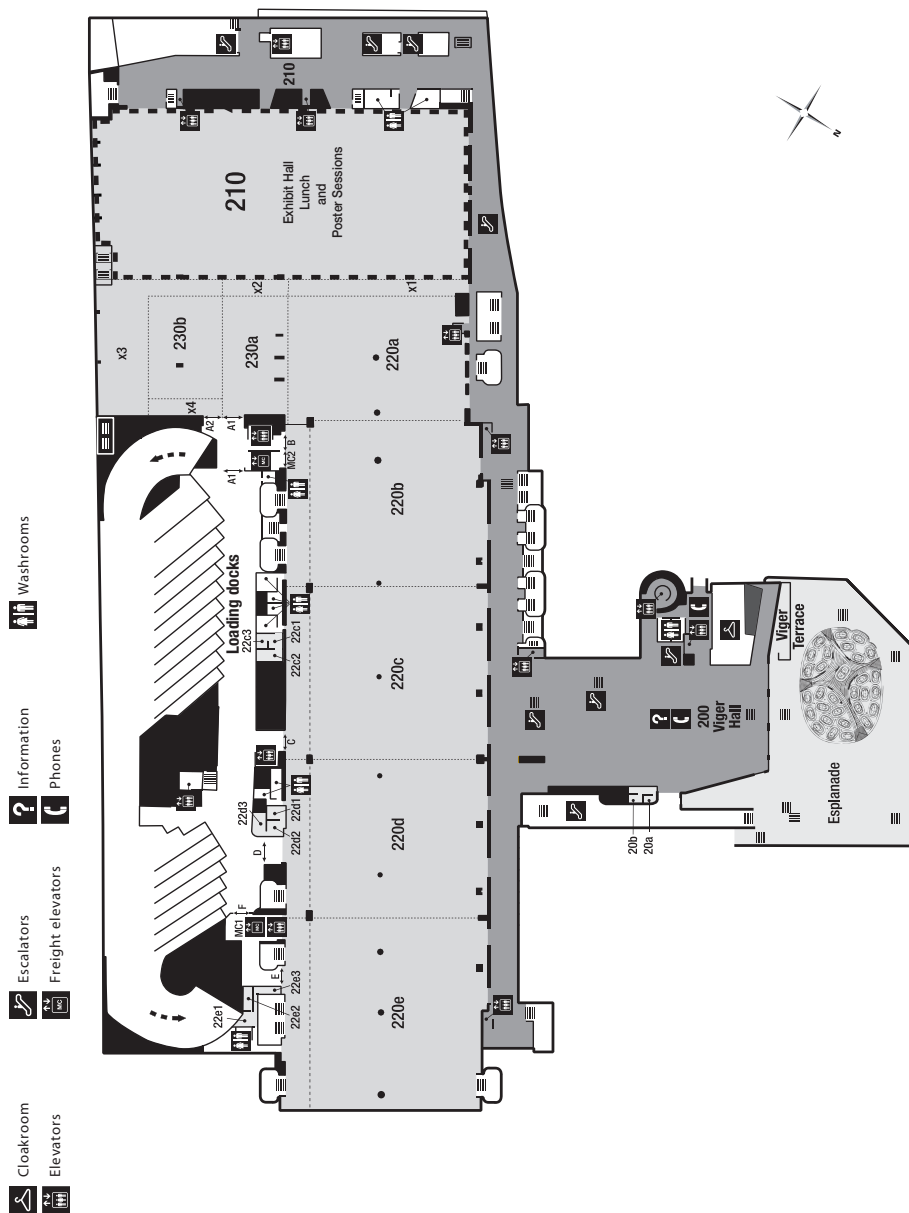
-  Elevators / Ascenseurs
-  Phones / Téléphones
-  Escalators / Escaliers mécaniques
-  Washrooms / Toilettas



GENERAL INFORMATION

FLOOR PLAN

LEVEL 2



THURSDAY

MEET THE PROFESSOR BREAKFAST SESSIONS

Registration Required
See Tickets for Room Assignments
7:00 AM – 8:00 AM

1. *MANAGEMENT OF SHORT GUT SYNDROME*
Yaron Avitzur, MD and Dana Boctor, MD
2. *ACUTE LIVER FAILURE: PATHOGENESIS AND MANAGEMENT*
Robert Squires, MD and Anil Dhawan, MD
3. *METABOLIC SYNDROME IN THE POST-LIVER TRANSPLANT PATIENT*
Daniel D'Agostino, MD and Estella Alonso, MD
4. *TACKLING THE TRICKY COLON*
Jae Hong Park, MD and Kevin Washcke, MD
5. *IRRITABLE BOWEL SYNDROME IN CHILDREN*
Jennifer Schurman, MD and Nikhil Thapar, MD
6. *AUTOIMMUNE PANCREATITIS (AND HOW IT MAY RELATE TO OTHER GI DISEASES, SUCH AS IBD)*
Tanja Gonska, MD and Steve Werlin, MD
7. *IBD: MANAGEMENT OF COMPLEX PERI-ANAL CROHN'S DISEASE*
Richard Grand, MD and Jennifer Strople, MD
8. *NUTRITIONAL MANAGEMENT OF HOSPITALIZED CHILDREN*
Praveen Goday, MBBS, Ana Sant'anna, MD and Sarah Vermilyea, RD
Supported in part by an educational grant from Abbott Nutrition
9. *IBD: BIOSIMILARS*
Harland Winter, MD and Lissy De Ridder, MD
10. *MANAGEMENT OF INTRACTABLE CONSTIPATION (IN SPANISH)*
Samuel Nurko, MD and Ricardo Arbizu, MD



THURSDAY

PLENARY SESSION I

THE MICROBIOME IN GI, LIVER AND NUTRITIONAL HEALTH AND DISORDERS

8:00 AM – 9:30 AM

517ABC

Moderators: Ernest Seidman, MD and James Heubi, MD

8:00

KEYNOTE ADDRESS

THE ROLE OF THE EARLY LIFE MICROBIOME IN HOST DEVELOPMENT OF METABOLISM AND IMMUNITY

Martin Blaser, MD, Muriel and George Singer Professor of Medicine Professor of Microbiology, Director, Human Microbiome Program New York University Langone Medical Center, New York, NY, USA

8:30

DOES THE MICROBIOME TALK TO THE LIVER?

Marialena Mouzaki, MD, The Hospital for Sick Children, Toronto, ON, Canada

Learning objectives:

1. Assess the impact of microbial metabolism on nutrient handling within the liver
2. Demonstrate the link between intestinal microbiota and liver injury
3. Outline chronic liver diseases the natural history of which is affected by intestinal microbiota

8:50

MICROBIOME IN CELIAC DISEASE

Alessio Fasano, MD, Massachusetts General Hospital for Children, Boston, MA, USA

Learning objectives:

1. To provide the rationale of the “epidemics” of celiac disease during the past 50 years
2. To outline the role of gut microbiome in this epidemics
3. To present a scientific roadmap to move the studies on gut microbiome and celiac disease from association to causation

9:10

IBD: MANIPULATING THE MICROBIOME

David Mack, MD, Children's Hospital of Eastern Ontario, Ottawa, ON, Canada

Learning objectives:

1. Evaluate the importance of the intestinal microbiome at the mucosal luminal interface in IBD
2. Develop an understanding of the complexity of interactions and activity of the intestinal microbiota
3. Assess the current state of understanding of the role of the intestinal microbiome in IBD

9:30 AM – 10:00 AM

BREAK

Exhibit Hall, Room 210



THURSDAY

CONCURRENT SESSION I

EPIDEMIOLOGY AND PATHOGENESIS OF PEDIATRIC INFLAMMATORY BOWEL DISEASE (IBD)

10:00 AM – 11:40 AM

517D

Moderators: Anne Griffiths, MD and Andrew Grossman, MD

- 10:00 *IBD: A PEDIATRIC DISEASE GLOBALLY*
Eric Benchimol, MD, Children's Hospital of Eastern Ontario, Ottawa, ON, Canada
Learning objectives:
1. Review the global epidemiology of pediatric IBD
2. Describe the risk of IBD in unique populations
3. Determine environmental risk factors which may affect the risk of IBD in specific groups of children
- 10:20 *PEDIATRIC IBD OUTSIDE THE WESTERN WORLD*
SH Quak, MD, National University Hospital, Singapore
Learning objectives:
1. The epidemiology of pediatric IBD in the Asia Pacific region
2. The differences in clinical presentations between the Asia Pacific region and those of the Western World
3. Various postulations explaining the increase incidence in the Asia Pacific region
- 10:40 *NUTRITION AND IBD: ARE THEY LINKED?*
Arie Levine, MD, Tel Aviv University, Wolfson Medical Center, Holon, Israel
Learning objectives:
1. Review the evidence suggesting that diet may play a role in the pathogenesis of Crohn's disease
2. Provide insight on the possible role of specific dietary ingredients and additives in altering the microbiome or the interaction between bacteria and the epithelium
3. Review new experimental dietary therapies for Crohn's disease and ulcerative colitis
- 11:00 *GENETIC SUSCEPTIBILITY TO PEDIATRIC IBD*
Jean Rioux, MD, University of Montreal, Montreal, QC, Canada
- 11:20 *EPIGENETICS*
Richard Kellermayer, MD, PhD, Baylor College of Medicine, Houston, TX, USA
Learning objectives:
1. Define epigenetic mechanism and how those may relate to the developmental origins of inflammatory bowel diseases
2. Understand potential epigenetic interactions between the intestinal microbiome and the epithelium, which may be relevant in the pathogenesis and maintenance of IBD and even the development of young onset colorectal cancer

CHOLESTATIC HEPATOBILIARY DISEASES

10:00 AM – 11:40 AM

524ABC

Moderators: Steven Martin, MD and Kazuhiko Bessho, MD

- 10:00 *SCREENING FOR BILIARY ATRESIA*
Akira Matsui, MD, St. Luke's International University, Tokyo, Japan
Learning objectives:
1. Three kinds of major screening systems have been reported and part of which have been implemented in a limited number of countries and areas
2. Those markers are bile acids in dried blood spots, serum direct/conjugated bilirubin and charted stool colours
3. All of these have advantage and limitation in order to be adopted on a nationwide basis and need thoughtful consideration into the state of neonatal medicine in each country



THURSDAY

CONCURRENT SESSION I cont'd

- 10:20 *BILIARY ATRESIA: PATHOGENESIS*
Jorge Bezerra, MD, Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA
Learning objectives:
1. Understand the contribution of virus(es) and environmental toxin(s) in the etiology of biliary injury and atresia
2. List cellular and immunologic factors that regulate the pathogenic mechanisms of biliary atresia
3. Recognize a potential link between disease pathogenesis and disease stages and phenotypes
- 10:40 *DISORDERS OF BILIARY TRANSPORT AND BILE ACID METABOLISM*
Saul Karpen, MD, Emory University, Atlanta, GA, USA
Learning objectives:
1. Understand the key genes and transporters involved in hepatobiliary transport of these principal biliary solutes: bile acids, phospholipids, sterols, bilirubin and other organic anions
2. Know key clinical points to identify and optimally care for patients who have mutations in these key transporter genes
3. Identify the utility of standard laboratory tests, liver biopsy or modern genetic testing in the work-up of the cholestatic infant
4. Know the highlights contained within the recent NASPGHAN/ESPGHAN Guidelines for the Evaluation of Neonatal Cholestasis
- 11:00 *CURRENT AND EMERGING THERAPY FOR CHOLESTATIC LIVER DISEASES*
Carolina Rumbo, MD, Hospital Universario Fundacion, Favoloro, Buenos Aires, Argentina
Learning objectives:
1. Understand the bile formation and excretion process
2. Identify the origin of different congenital cholestatic liver diseases
3. Distinguish available treatment options
4. Have a glance of developing treatment options
- 11:20 *INBORN ERRORS OF BILE ACID METABOLISM*
James Heubi, MD, Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA
Learning objectives:
1. Learn the differential diagnosis of inborn errors of bile acid metabolism and the commonly encountered conditions
2. Learn that most inborn errors of bile acid metabolism, unlike many conditions causing neonatal cholestasis, are treatable and curable with oral cholic acid or glycocholic acid

HIDDEN HUNGER: THE CHALLENGE OF MEETING MICRONUTRIENT REQUIREMENTS

10:00 AM – 11:40 AM

510BD

Moderators: Mary Fewtrell, MD and Emile Levy, MD, PhD

- 10:00 *VITAMIN D AND IMMUNITY*
Ernest Seidman, MD, McGill University, Montreal, QC, Canada
Learning objectives:
1. Review the evidence that vitamin D deficiency may be an important risk factor in the incidence of Crohn disease
2. Discuss the potential role of vitamin D in modulating immune responses and risk of autoimmune disorders
3. Analyze the evidence that vitamin D supplementation may influence the course of Crohn disease and its prevention
- 10:20 *HEALTH CHALLENGES RELATED TO FOLATE AND MTHFR*
Rima Rozen, MD, McGill University, Montreal, QC, Canada
Learning objectives:
1. Understand the impact of genetic variation in folate metabolism on overall health including brain and liver function
2. Evaluate the level of folate supplementation that may be required to prevent disease and/or offset genetic polymorphisms



CONCURRENT SESSION I cont'd

- 10:40 *IRON: UPDATE*
Parminder Suchdev, MD, Emory University/CDC, Atlanta, GA, USA
Learning objectives:
1. Provide a brief overview of iron nutrition, its clinical importance and global prevalence
2. Describe challenges in the screening and diagnosis of iron deficiency
3. Review common clinical and public health interventions to address iron-deficiency anemia
4. Summarize the risk-benefit of iron interventions
- 11:00 *MICRONUTRIENT SUPPLY AND CHILD HEALTH: IMPACT ON GROWTH*
Ann Scheimann, MD, MBA, Johns Hopkins School of Medicine, Baltimore, MD, USA
Learning objectives:
1. Overview of the role of the IGF-1 axis in growth
2. Prevalence of stunting
3. Upon completion of the presentation the learner will be able to learn and analyze the role of micronutrients in growth
- 11:20 *PEDIATRIC INTESTINAL FAILURE AND MICRONUTRIENTS*
John Thompson, MD, Children's Hospital at Montefiore, Bronx, NY, USA
Learning objectives:
1. Identify key micronutrients critical to health of children with Intestinal Failure (IF)
2. Develop strategies to monitor and correct micronutrient deficiencies and toxicities in children with IF on parenteral nutrition
3. Recognize the challenges to prevent micronutrient deficiencies in children with IF who have successfully weaned from parenteral nutrition support

PANCREATITIS

10:00 AM – 11:40 AM

511BE

Moderators: Veronique Morinville, MD and Steve Werlin, MD

- 10:00 *ACUTE RECURRENT PANCREATITIS: UPDATE (ETIOLOGIES, OUTCOMES, NATURAL HISTORY)*
Aliye Uc, MD, University of Iowa Hospitals and Clinics, Iowa City, IA, USA
Learning objectives:
1. Identify the most common risk factors associated with acute recurrent pancreatitis
2. Plan a diagnostic evaluation of children with recurrent attacks of pancreatitis
3. Distinguish risk factors that can alter natural history and disease outcome
- 10:20 *MANAGEMENT OF CHRONIC PANCREATITIS: MEDICAL OR SURGICAL?*
Mohamad Miqdady, MD, Sheikh Khalifa Medical City, Abu Dhabi, UAE
Learning objectives:
1. Approach to patients with chronic pancreatitis
2. Medical management: including pain control, optimizing quality of life and prevention of complications
3. Indications of surgical treatment and different surgical options
- 10:40 *INFLAMMATORY RESPONSES/HEALING IN PANCREATIC INJURY*
Sohail Husain, MD, Children's Hospital of Pittsburgh of UPMC, Pittsburgh, PA, USA
Learning objectives:
1. Understand the crucial molecular signals that initiate and then transduce acute pancreatitis
2. Recognize the robust recovery and regenerative mechanisms of the pancreas in response to injury
3. Appreciate how these pathways can be exploited to prevent or treat pancreatitis
- 11:00 *PUTTING A LIGHT OUTSIDE THE "TUNNEL": ADVANCED ENDOSCOPIC IMAGING IN PEDIATRIC PANCREATITIS*
David Troendle, MD, Children's Medical Center of Dallas, Dallas, TX, USA
Learning objectives:
1. Identify clinical scenarios in which endoscopic imaging modalities may aid in the diagnosis and treatment of pediatric pancreatitis
2. Select appropriate equipment to perform endoscopic imaging taking into consideration clinical scenario and patient's size
3. Appropriately classify fluid collections associated with pediatric pancreatitis and know when endoscopic intervention may be appropriate



CONCURRENT SESSION I cont'd

- 11:20 *GUIDELINES FOR MANAGING PANCREATIC DISEASE: ARE GLOBAL COMMON GUIDELINES POSSIBLE?*
Cheryl Gariepy, MD, Nationwide Children's Hospital, Columbus, OH, USA
- Learning objectives:
1. Identify inconsistencies/controversies in the management of pancreatitis in adults based on published international guidelines
 2. Describe the basis of the variation in etiology of pediatric pancreatitis around the world
 3. Distinguish controversies specific to the evaluation and management of pancreatitis in children compared to adults

RESEARCH SESSION: GLOBAL HEALTH

10:00 AM – 11:37 AM

511CF

Moderators: Riccardo Troncone, MD and Miguel Saps, MD

- 10:00 1. *DIFFERENTIAL METABOLIC PROFILES IN CHILDREN WITH SEVERE WASTING AND EDEMATOUS MALNUTRITION IN MALAWI*
Valeria Di Giovanni¹, Robert Bandsma¹, Celine Bourdon¹, Christian J. Versloot¹, Ling Zhang¹, Ling Zhang¹, Wieger Voskuil², John Parkinson¹, ¹The Hospital for Sick Children, Toronto, ON, Canada, ²College of Medicine, Blantyre, Malawi
- 10:12 2. *ACTIVATION OF CALCIUM-SENSING RECEPTOR IN THE GUT INHIBITS ENTEROTOXIN-INDUCED SECRETION AND BACTERIA-INDUCED INFLAMMATION IN RODENTS AND REDUCES INFECTIOUS DIARRHEAS IN CHILDREN*
Sam Cheng¹, Lieqi Tang¹, Shi Jin¹, Steven Winesett¹, Henry Binder², ¹University of Florida, Gainesville, FL, USA, ²Yale University, New Haven, CT, USA
- 10:24 3. *ROTAVIRUS IMMUNIZATION: GLOBAL COVERAGE AND LOCAL BARRIERS FOR IMPLEMENTATION*
Andrea Lo Vecchio¹, Alfredo Guarino¹, Jorge Amil Dias², James A. Berkley³, Chris Boey⁴, Mitchell B. Cohen⁵, Sylvia Cruchet⁶, Eduardo Salazar-Lindo⁷, Bhupinder Sandhu⁸, Philip Sherman⁹, Toshiaki Shimizu¹⁰, Ilaria Liguoro¹, ¹University of Naples Federico II, Naples, Italy, ²Hospital de São João, Porto, Portugal, ³KEMRI/Wellcome Trust Research Programme, Kilifi, Kenya, ⁴University of Malaya, Kuala Lumpur, Malaysia, ⁵University of Alabama at Birmingham, Birmingham, AL, USA, ⁶INTA, Universidad de Chile, Macul, Chile, ⁷Universidad Peruana Cayetano Heredia, Lima, Peru, ⁸Bristol Royal Hospital for Children, Bristol, UK, ⁹The Hospital for Sick Children, University of Toronto, Toronto, ON, Canada, ¹⁰Juntendo University Graduate School of Medicine, Tokyo, Japan
- 10:36 **STATE OF THE ART LECTURE**
THE ECONOMIC AND HEALTH COSTS OF THE DOUBLE BURDEN
Richard Deckelbaum MD, Columbia University, New York, NY, USA
- Learning objectives:
1. Develop a comprehensive understanding of the double burden of over and under nutrition as it pertains to global health for pediatric clinicians and researchers
 2. Overview the disparity between societal access to quality nutrition, the increase in obesity in developed and developing countries, and on-going undernutrition in developing and developed countries
 3. Provide an understanding about the impact of lack of access to micronutrients in poorer countries globally in comparison to richer countries
 4. Hidden hunger and stunting will be explained and the concepts developed so as to provide a complete understanding of these complex issues, from both a health care and economic perspective
 5. Current trends and up to date research will be further developed with a focus on the health and economic impacts of anemia, vit A & vit D & iodine deficiency, and folic acid deficiency
 6. Highlight and explain the impact of obesity worldwide on health, health care, and the economy using current trends, up to date research, and economic impact
 7. Approaches for innovative nutritional programs to address malnutrition, hidden hunger' and obesity will be presented with the goal of providing both clinicians and researchers direction in approaching these global issues in their practice
 8. Areas for future research and ways to improve patient and population care



THURSDAY

CONCURRENT SESSION I cont'd

- 11:01 4. *THE EFFECT OF TWO PROBIOTIC STRAINS BB-12® AND LGG® ON DIARRHEA IN CHILDREN WITH SEVERE ACUTE MALNUTRITION IN UGANDA*
Benedikte Grenov¹, Hanifa Namusoke², Betty Lanyero², Nicolette Nabukeera-Barungi³, Christian Ritz¹, Christian Mølgaard¹, Henrik Friis¹, Kim F. Michaelsen¹, ¹University of Copenhagen, Copenhagen, Denmark, ²Mulago National Referral Hospital, Kampala, Uganda, ³Makerere University, Kampala, Uganda
- 11:13 5. *ENVIRONMENTAL ENTERIC DYSFUNCTION IS ASSOCIATED WITH POOR LINEAR GROWTH AND CAN BE IDENTIFIED BY HOST FECAL mRNAs*
M. Isabel Ordiz, Mark J Manary, Nurmohammad Shaikh, Indi Trehan, Phillip I Tarr, Washington University in St. Louis School of Medicine, St. Louis, MO, USA
- 11:25 6. *ASSESSING THE IMPACT OF MATERNAL EXPOSURE TO DROUGHT ON CHILD GROWTH*
Thokozani E. Phiri, University of Waterloo, Waterloo, ON, Canada



THURSDAY

POSTER SESSION I

Exhibit Hall – Room 210

12:00 PM – 2:00 PM

Presenters at posters from 12:30 PM – 1:30 PM

Poster	Abstract	CELIAC AND OTHER LUMINAL DISORDERS
1	7	PEUTZ-JEGHERS SYNDROME PRESENTING WITH BOTH INTUSSUSCEPTION AND VOLVULUS IN TWO ADOLESCENT SIBLINGS Alejandro Llanos-Chea, Amir Kagalwalla, Sana Syed, John H. Stroger Jr. Hospital of Cook County, Chicago, IL, USA
2	8	LYMPHOCYTIC COLITIS IN AN 18-MONTH-OLD WITH CHRONIC DIARRHEA Arieda Gjikopulli, Hadeel Al-Atrash, Zarela Molle-Rios, Nemours, Al duPont Hospital for Children, Wilmington, DE, USA
3	9	LYMPHOGRANULOMA VENEREUM – A RARE CAUSE OF PROCTITIS IN A TEENAGER Diana Lerner, Alfanso Martinez, Wendi Ehrman, Medical College of Wisconsin, Milwaukee, WI, USA
4	10	EOSINOPHILIC ESOPHAGITIS PRESENTING AS NUTRITIONAL RICKETS Margaret Connolly, Garrett Zella, Marcella Radano, Khoa Tran, Jyoti Ramakrishna, Floating Hospital for Children at Tufts Medical Center, Boston, MA, USA
5	11	TELEPRACTICE FOR FEEDING DYSFUNCTION IN CHILDREN WITH EOSINOPHILIC ESOPHAGITIS Holly Knotowicz ¹ , Glenn Furuta ² , Joanne Newton ¹ , Dan Atkins ² , Angela Haas, ¹ Children's Hospital Colorado, Aurora, CO, USA, ² University of Colorado School of Medicine, Aurora, CO, USA
6	12	MILK PROTEIN ALLERGY, CHRONIC DIARRHEA, FAILURE TO THRIVE – CURED BY SURGERY Vivek Shenoy ¹ , Jyoti Ramakrishna ² , Christina Coleman ² , Julia Aquino ² , Jason Law ² , Carl-Christian Jackson ² , Marcella Radano ² , ¹ Emerson Hospital, Boston, MA, USA, ² Floating Hospital for Children at Tufts Med Ctr, Boston, MA, USA
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337	342	<i>FACTORS INFLUENCING THE QUALITY AND QUANTITY OF HUMAN BREAST MILK – IS THERE A NEED TO STANDARDIZE SAMPLING OF MILK FOR CHARACTERIZATION OF LIPIDS AND LIPOPHILES?</i> Sagar K. Thakkar, Tinu Mary Samuel, Qianling Zhou, Francesca Giuffrida, Nestlé Research Center, Lausanne, Vaud, Switzerland
338	*343	<i>A MULTIFACETED PERSPECTIVE OF PROTEIN IN HUMAN MILK: THE DYNAMIC PROTEOME CONTRASTED WITH A REMARKABLY CONSISTENT AMINO ACID COMPOSITION</i> Shay Phillips ¹ , Sarah Maria ¹ , Beau Labhart ¹ , Michael Gray ¹ , Qiang Zhang ² , Christina Valentine ¹ , Robert McMahon ³ , Ardythe Morrow ⁴ , ¹ Mead Johnson Nutrition, Evansville, IN, USA, ² Washington University School of Medicine, St. Louis, MO, USA, ³ Seven Hills Strategies, Cincinnati, OH, USA, ⁴ Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA
339	344	<i>TEMPORAL CHANGE OF THE CONTENT OF 10 OLIGOSACCHARIDES IN THE MILK OF CHINESE URBAN MOTHERS</i> Sean Austin ¹ , C. Antonio De Castro ¹ , Thierry Béné ¹ , Yangfeng Hou ² , Henan Sun ² , Sagar K. Thakkar ¹ , Gerard Vinyes-Pares ² , Yumei Zhang ³ , Peiyu Wang ³ , ¹ Nestlé Research Centre, Lausanne, Vaud, Switzerland, ² Nestlé Research Centre Beijing, Beijing, China, ³ Peking University, Beijing, China



THURSDAY

Poster	Abstract	NUTRITION AND INTESTINAL REHABILITATION
34'	345	<i>GASTROINTESTINAL PROCEDURAL BURDEN DURING ADMISSIONS OF PATIENTS WITH CONGENITAL HEART DISEASE TO CHILDREN'S HOSPITALS</i> Shaija Kutty, Shelby Kutty, Quentin Karels, Lina Castillo Cedeno, Fernando Zapata, Ruben Quiros, David Danford, University of Nebraska Medical Center, Children's Hospital and Medical Center, Omaha, NE, USA
341	346	<i>SECONDARY CARNITINE AND BIOTIN DEFICIENCIES USING ACYLCARNITINE ANALYSIS BY TANDEM MASS SPECTROMETRY FROM DRIED BLOOD SPOTS</i> Shin-ichiro Hagiwara ¹ , Mitsuru Kubota ² , Ryusuke Nambu ¹ , Seiichi Kagimoto ¹ , ¹ Saitama Children's Medical Center, Saitama-City, Saitama, Japan, ² National Center for Child Health and Development, Setagaya-Ku, Tokyo, Japan
342	347	<i>THE USE OF ANTIBIOTIC LINE LOCKS TO REDUCE RATES OF CATHETER-RELATED BLOODSTREAM INFECTIONS IN CHILDREN WITH INTESTINAL FAILURE</i> Shyama Chadha ¹ , Sandhia Naik ² , A. Cole ² , R. Bowman ² , M. Patel ² , J. Shah ² , ¹ Barts and The London School of Medicine and Dentistry, London, UK, ² The Royal London Hospital, London, UK
343	*348	<i>OUTCOMES AND SAFETY OF TEDUGLUTIDE IN THE TREATMENT OF SHORT BOWEL SYNDROME IN CHILDREN</i> Simon Horslen ¹ , Susan Hill ² , Beth A. Crter ³ , Robert S. Venick ⁴ , Hak-Myung Lee ⁵ , Samuel A. Kocoshis ⁶ , ¹ Seattle Children's Hospital, Seattle, WA, USA, ² Great Ormond Street Hospital for Children, London, UK, ³ Texas Children's Hospital and Baylor College of Medicine, Houston, TX, USA, ⁴ Mattel Children's Hospital – University of California LA Campus, Los Angeles, CA, USA, ⁵ Shire plc, Lexington, MA, USA, ⁶ Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA
344	349	<i>EATING ATTITUDES IN ADOLESCENTS WITH RESPECT TO THEIR BODY IMAGE</i> Somia Jamal, Areeba Arif, Sina Aziz, Tariq Adnan, Karachi Medical and Dental College, Karachi, Sindh, Pakistan
345	*350	<i>GROWTH FALTERING, SMALL INTESTINAL CRYPT DYNAMICS AND INTESTINAL STEM CELL ADAPTATION IN METHYL DONOR DEFICIENT MICE</i> Stephanie Bachi de Castro Oliveira ¹ , Sean R. Moore ¹ , Antonio Vinicios Alves Silva ¹ , Lauren Dehan ² , Jill Pruszkia ¹ , Vinicius Carreira ¹ , Hung Le ¹ , Elizabeth A. Maier ¹ , Kristi Betz ² , Sean R. Moore, ¹ Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA, ² University of Cincinnati, Cincinnati, OH, USA
346	351	<i>PARENTAL FEEDING STYLE AND ITS INFLUENCE ON PARENTAL PERCEPTION OF FEEDING CONCERNS IN CHILDREN</i> Tammy Su Hui Lim, Michelle Li Nien Tan, Marion Margaret Aw, National University Health System Singapore, Singapore
347	*352	<i>UPREGULATION OF CHOLESTEROL AND BILE ACID GENE SYNTHESIS IN WILD TYPE RATS WITH 4 WEEKS OF EXERCISE</i> Timothy Blaufuss ¹ , John Thyfault ² , E. Matthew Morris ² , Colin McCain ² , ¹ Children's Mercy Hospital, Kansas City, MO, USA, ² University of Kansas Medical Center, Kansas City, MO, USA
348	353	<i>NUTRITION ASSESSMENT IN 126 HOSPITALIZED CHILDREN WITH HEPATIC DISEASE</i> Ting Zhang, Ronghua Yu, Lili Mo, Aishu Liu, China, Dan Li, Yizhong Wang, Yongmei Xiao, Children's Hospital of Shanghai, Shanghai, China
349	354	<i>IMPROVED OUTCOME OF PEDIATRIC INTESTINAL FAILURE WITH EARLY REFERRAL TO A MULTIDISCIPLINARY TEAM</i> Veronica B. Busoni, Pablo A. Lobos, Federico Ussher, Carina Izquierdo, Fernando Frangi, Rodrigo Sanchez Claria, Daniel D'Agostino, Marina Orsi, Hospital Italiano de Buenos Aires, Buenos Aires, Argentina
350	355	<i>INFLUENCE OF SCHOOL STRESS ON EATING BEHAVIOR IN ROMANIAN CHILDREN AGED 9-11 YEARS</i> Veronica Mocanu, Amalia Bontea, Corina Galesanu, Diana Calatoru-Danila, Dana-Teodora Anton-Paduraru, Grigore T. Popa University of Medicine and Pharmacy, Iasi, Romania
351	356	<i>REVIEW OF OUR 2-YEAR CLINICAL EXPERIENCE WITH INDIRECT CALORIMETRY: TECHNIQUE MATTERS</i> Veronique Groleau, Marie-Eve Roy, Philippe Jouvret, CHU Sainte-Justine, Montreal, QC, Canada



THURSDAY

Poster	Abstract	NUTRITION AND INTESTINAL REHABILITATION
352	357	<i>VITAMIN D NON-SUFFICIENCY IS COMMON IN CHILDREN WITH CHRONIC INFLAMMATORY BOWEL DISEASE AND CHRONIC LIVER DISEASE IN A TROPICAL COUNTRY</i> Way Seah Lee, Yee Yong Siow, Shin Yi Wong, Sik Yong Ong, Hee Wei Foo, Ruey Terng Ng, Yazid Jalaluddin, University Malaya, Kuala Lumpur, Malaysia
353	358	<i>A RETROSPECTIVE, DUAL-CENTER STUDY OF PARENTERAL, NUTRITION-ASSOCIATED CHOLESTASIS IN PREMATURE NEONATES: 15 YEARS' EXPERIENCE</i> Weihui Yan ¹ , Cai Wei ¹ , Li Hong ² , Ying Wang ¹ , Qingya Tang ¹ , ¹ Xin Hua Hospital Affiliated to Shanghai Jiao Tong University School of Medicine, Shanghai, China, ² Shanghai Children's Medical Center, Shanghai Jiao Tong University School of Medicine, Shanghai, China
354	359	<i>CURRENT NUTRITIONAL STATUS AND RISK FACTORS OF MALNUTRITION IN INFANT WITH CONGENITAL HEART DISEASE</i> Eun Ha Hwang ¹ , Yeoun Joo Lee ² , Jae Hong Park ² , ¹ Ulsan University Hospital, Ulsan University School of Medicine, Ulsan, South Korea, ² Pusan National University Children's Hospital, Yangsan, Gyeongnam, South Korea
355	360	<i>BREASTFEEDING AMELIORATES DYSPBIOSIS OF GUT MICROBIOTA IN INFANTS BORN BY C-SECTION</i> Yuichiro Yamashiro ¹ , Ravinder Nagpal ¹ , Hirokazu Tsuji ² , Takuya Takahashi ² , Koji Nomoto ² , Kazunari Kawashima ³ , Satoru Nagata ⁴ , ¹ Juntendo University School of Medicine, Bunkyo-ku, Tokyo, Japan, ² Yakult Central Institute, Kunitachi, Tokyo, Japan, ³ Gonohashi Obstetrics & Gynecology Hospital, Koto-ku, Tokyo, Japan, ⁴ School of Pediatrics Medicine, Tokyo Women's Medical University, Shinjuku, Tokyo, Japan
356	361	<i>CLINICAL OUTCOMES OF MILK ALLERGY IN INFANCY AND ATOPIC DISEASES IN CHILDHOOD: 15-YEAR EXPERIENCE IN A SINGLE CENTER</i> Yung-Cheng Hsu, Tzee-Chung Wu, Children's Medical Center, Taipei Veterans General Hospital, Taipei City, Taipei, Taiwan
357	*362	<i>ACQUISITION OF ORAL FEEDING SKILLS IN PRETERM INFANTS BORN <32 WEEKS</i> Zahra Khan, Cornelia Sitter, Jasmin Pansy, Berndt Urlesberger, Div. Neonatology, Medical University Graz, Graz, Styria, Austria
358	363	<i>COW'S MILK AVOIDANCE AND COW'S MILK PROTEIN CHALLENGE IN 0-6 MONTHS INFANTS OF COW'S MILK PROTEIN ALLERGY: A MULTICENTER STUDY</i> Zailing Li ¹ , Sitang Gong ² , Min Yang ² , Xiwei Xu ³ , Yanling Zhang ⁴ , Jie Wu ⁵ , Zhongyue Li ⁶ , Meixi Zhang ⁷ , Fenglin Liu ⁸ , Yong Zhang ⁹ , Shenghua Wan ¹⁰ , ¹ Peking University Third Hospital, Peking, China, ² Guangzhou Women & Children's Medical Center, Guangzhou, Guangdong, China, ³ Beijing Children's Hospital, Beijing, China, ⁴ Capital Institute of Pediatrics Affiliated Children's Hospital, China, ⁵ Shengjing Hospital of China Medical University, China, ⁶ Children's Hospital of Chongqing Medical University, China, ⁷ Shanxi Children's Hospital, China, ⁸ Tianjin Children's Hospital, China, ⁹ Dongguan Maternal and Child Health Hospital, Dongguan, China, ¹⁰ Jiangxi Children's Hospital, Jianxi, China
359	364	<i>THE NUTRITIONAL SUPPORT STATUS OF HOSPITALIZED LATE PRETERM INFANTS: A MULTICENTER SURVEY IN BEIJING AREA</i> Zhenghong Li ¹ , Meiying Quan ¹ , Ying Li ² , Xiaomei Tong ³ , Li Yang ⁴ , Junyi Wang ⁵ , Ying Wang ⁶ , Xuanguang Qin ⁷ , Chaomei Zeng ⁸ , Wei Zhang ⁹ , Xiaohui Fu ¹⁰ , Jingmei Yi ¹¹ , Li Li ¹² , Yujie Qi ¹³ , Xuefeng Zhang ¹⁴ , Zhongshu Zhou ¹⁵ , Hong Cui ¹⁶ , Weipeng Liu ¹⁷ , Sumei Guo ¹⁸ , Li Wan ¹⁹ , ¹ Peking Union Medical College Hospital, Beijing, China, ² Beijing Haidian District Maternal and Child Health Hospital, Beijing, China, ³ Peking University Third Hospital, Beijing, China, ⁴ Beijing Tongzhou District Maternal and Child Health Hospital, Beijing, China, ⁵ Beijing Huaxin Hospital, Beijing, China, ⁶ Peking University First Hospital, Beijing, China, ⁷ Beijing Chaoyang Hospital, Beijing, China, ⁸ The People's Hospital of Beijing University, Beijing, China, ⁹ Beijing Obstetrics and Gynecology Hospital, Capital Medical University, Beijing, China, ¹⁰ Beijing Shangdi Hospital, Beijing, China, ¹¹ Military 301 Hospital, Beijing, China, ¹² Children's Hospital Attached to the Capital Institute of Pediatrics, Beijing, China, ¹³ Beijing Children's Hospital, Capital Medical University, Beijing, China, ¹⁴ Military 302 Hospital, Beijing, China, ¹⁵ China Japan Friendship Hospital, Beijing, China, ¹⁶ Beijing Friendship Hospital, Capital Medical University, Beijing, China, ¹⁷ Navy Gen Hospital, Beijing, China, ¹⁸ Aviation Gen Hospital, Beijing, China, ¹⁹ Beijing Hospital, Beijing, China



THURSDAY

Poster	Abstract	NUTRITION AND INTESTINAL REHABILITATION
360	365	<i>GROWTH FALTERING IN PEDIATRIC PATIENTS WITH CONGENITAL HEART DISEASE AND IMPACT ON POST-OPERATIVE OUTCOME: A SINGLE-CENTER EXPERIENCE</i> Zhuoming Xu, Mingjie Zhang, Rui Huang, Chongrui Sun, Li Hong, Shanghai Children's Medical Center, Shanghai, Shanghai, China
386	366	<i>WITHDRAWN</i>
		TRANSPLANTATION
361	367	<i>SUCCESSFUL LIVING DONOR LIVER TRANSPLANTATION FOR A KOREAN INFANT WITH OXYSTEROL 7 α-HYDROXYLASE DEFICIENCY</i> Insook Jeong, Kyungmo Kim, Seokhee Oh, Beomhee Lee, Hanwook You, Jungman Namgung, Daeyoen Kim, H. Nittonto, A. Kimura, Asan Medical Center, Seoul, South Korea
362	368	<i>SUCCESSFUL LIVER TRANSPLANT IN AN INFANT PRESENTING WITH LIVER FAILURE ASSOCIATED WITH PYRUVATE KINASE DEFICIENCY</i> Marie-Eve Chartier ¹ , Massimiliano Paganelli ¹ , Najma Ahmed ² , Fernando Alvarez ¹ , ¹ Division of Gastroenterology, Hepatology and Nutrition, CHU Sainte-Justine, Université de Montréal, Montreal, QC, Canada, ² Division of Gastroenterology, Hepatology and Nutrition, Montreal Children's Hospital, McGill University, Montreal, QC, Canada
363	369	<i>CASE OF MYCOPHENOLATE MOFETIL-INDUCED COLITIS IN A PEDIATRIC PATIENT</i> Sana Mansoor, Katryn N. Furuya, Michael A. McCulloch, Fernando DelRosario, Katrina Conard, Nemours/A.I duPont Hospital for Children, Sidney Kimmel Medical College at Thomas Jefferson University, Wilmington, DE, USA
364	370	<i>GENE IDENTIFIED FOR CHRONIC INTESTINAL PSEUDO-OBSTRUCTION (CIPO): INDEX CASE</i> Richard Mangus, Indiana University School of Medicine, Indianapolis, IN, USA
365	371	<i>8-YEAR SURVIVAL AFTER 6-ORGAN MULTIVISCERAL TRANSPLANT</i> Richard Mangus, Indiana University School of Medicine, Indianapolis, IN, USA
366	372	<i>SEVERE SARCOPENIA AND INCREASED FAT STORES IN PEDIATRIC PATIENTS WITH LIVER, KIDNEY AND INTESTINE FAILURE</i> Weston Bush, Richard Mangus, Indiana University School of Medicine, Indianapolis, IN, USA
367	373	<i>LIVER TRANSPLANTATION FOR MAPLE SYRUP DISEASE</i> Nada Yazigi, MedStar Georgetown Transplant Institute, Washington, DC, USA
368	374	<i>LIVER TRANSPLANTATION COMING OF METABOLIC AGE</i> Nada Yazigi, MedStar Georgetown Transplant Institute, Washington, DC, USA
369	375	<i>PEDIATRIC LIVER TRANSPLANTATION IN INDIA: LEARNING OUR LESSONS, COMING OF AGE</i> Akshay Kapoor, Vidyut Bhatia, Anupam Sibal, Neerav Goyal, Subash Gupta, Indraprastha Apollo Hospital, New Delhi, India
370	376	<i>CONTRIBUTION OF GI ENDOSCOPIC BIOPSY FOR DIAGNOSIS OF ACUTE GRAFT-VERSUS-HOST DISEASE (GVHD) IN CHILDREN</i> Arun Urs, Elaina Lizen, Sheffield Marta Cohen, Ajay Vora, Sheffield Children's Hospital NHS Foundation Trust, Sheffield, South Yorkshire, United Kingdom
371	377	<i>PILOT STUDY TO DESCRIBE THE PREVALENCE OF NEUROCOGNITIVE DISORDERS, THEIR MEDICAL PRECURSORS AND ACCESS TO EDUCATIONAL SERVICES IN PEDIATRIC RECIPIENTS OF LIVER TRANSPLANT</i> Janaina Nogueira, University of Alabama at Birmingham, Birmingham, AL, USA
372	378	<i>PELD EXCEPTION FOR METABOLIC DISORDERS AND THE IMPACT ON LIVER TRANSPLANTATION IN CHILDREN</i> Khalid Khan, Thomas Fishbein, Chirag Desai, Stuart Kaufman, Alexander Kroemer, MedStar Georgetown University Hospital, Washington, DC, USA



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Poster	Abstract	NUTRITION AND INTESTINAL REHABILITATION
373	379	<i>DE NOVO AUTOIMMUNE HEPATITIS IN FIRST HIGH VOLUME PEDIATRIC LIVER TRANSPLANTATION PROGRAM IN SAUDI ARABIA</i> Ali Syed Muhammad Akhtarul Hassan, Kishwer Kumar, Mohamed Aly Barr, Jessica Burkholder, Talal Algoufi, Dieter Broering, Martin Burdelski, Mohammad Shagrani, King Faisal Specialist Hospital and Research Centre, Riyadh, Saudi Arabia
374	380	<i>LONG-TERM OUTCOME OF 10-YEAR PEDIATRIC SURVIVORS AFTER LIVING-DONOR LIVER TRANSPLANTATION</i> In Sook Jeong, Kyung Mo Kim, Seak Hee Oh, Jungman Namgun, Dae Yeon Kim, Sung-Gyu Lee, Asan Medical Center Children's Hospital, Seoul, South Korea
375	381	<i>DIFFERENT ETIOLOGIES WITH VARIABLE PROGNOSIS IN CHILDREN WITH ACUTE LIVER FAILURE IN A SINGLE CENTER IN ARGENTINA: PELD PERFORMANCE AS A PROGNOSTIC MARKER</i> Maria Camila Sanchez, Maria Lorena Cavalieri, Muhn Maria Soledad, Boldrini Gustavo, Fernandez De Cuevas Victoria, Marina Orsi, Daniel D'agostino, Hospital Italiano Buenos Aires, Caba, Argentina
376	382	<i>RISKS FACTORS FOR IMMUNE HEMOLYTIC ANEMIA AFTER PEDIATRIC LIVER TRANSPLANTATION</i> Nathalie Rock, Ansari Marc, Ferrari-Lacraz Sylvie, Villard Jean, Waldvogel Sophie, University Hospital Geneva McLin Valerie, University Hospital Geneva, Geneva, Switzerland
377	383	<i>EVALUATION OF INTESTINAL INFLAMMATION WITH FECAL CALPROTECTIN IN PEDIATRIC LIVER TRANSPLANT PATIENTS</i> Nelgin Gerenli, M. Serdar Cantez, Tulin Ozden, Mine Gulloglu, Vildan Ertekin, Ozlem Durmaz Ugurcan, Istanbul University Istanbul Medical Faculty, Istanbul, Turkey
378	384	<i>OUTCOME OF LIVER TRANSPLANTATION IN CHILDREN WITH HEPATOPULMONARY SYNDROME: A RETROSPECTIVE ANALYSIS OF THE UNOS DATABASE</i> Praveen Kumar Conjeevaram Selvakumar, Naim Alkhouri, Mohammad Nasser Kabbany, Rocio Lopez, Nizar Zein, Cleveland Clinic, Cleveland, OH, USA
379	385	<i>DEMOGRAPHIC AND EPIDEMIOLOGIC DESCRIPTION OF A PATIENTS WITH ALLERGIC DISEASES IN A PEDIATRIC LIVER TRANSPLANTATION PROGRAM IN CALI, COLOMBIA</i> Veronica Botero, Manuela Olaya, Sara Maria Garces, Fundacion Valle de Lili, Cali, Valle del Cauca, Colombia
380	386	<i>UTILITY OF ACOUSTIC RADIATION FORCE IMPULSE (ARFI) ELASTOGRAPHY IN PREDICTING GRAFT FIBROSIS AS COMPARED TO HISTOLOGY FROM LIVER BIOPSY IN PEDIATRIC LIVER TRANSPLANT RECIPIENTS</i> Vikas Uppal, Katryn N. Furuya, Esther Davis, Louise Flynn, Dana Mannino, Maria Queenan, Leslie Grissom, Portia Kreiger, Abigail Martin, Al duPont Hospital For Children, Sidney Kimmel Medical College, Thomas Jefferson University, Wilmington, DE, USA
381	387	<i>PEDIATRIC LIVER TRANSPLANTATION FOR METABOLIC LIVER DISEASE IN KUWAIT</i> Wafa'a Alqabandi ¹ , Elizabeth Thomas ² , Eman Buhamrah ² , ¹ Faculty of Medicine, Kuwait University, Kuwait, Kuwait, ² Al Amiri Hospital, Kuwait, Kuwait
382	388	<i>SUBCLINICAL CARDIOVASCULAR CHANGES IN PEDIATRIC LIVER TRANSPLANT RECIPIENTS</i> Yasser Al Nasser, The Hospital for Sick Children, Toronto, ON, Canada
383	389	<i>OUTCOMES OF POSITIVE STERILITY CULTURES IN CHILDREN UNDERGOING TOTAL PANCREATECTOMY AND ISLET AUTOTRANSPLANT</i> Srinath Chinnakotla, Megan Berger, Daniel Saltzman, Kaustav Majumdar, Melena Bellin, Gregory Beilman, Ty Dunn, Sarah J Schwarzenberg, Timothy Pruett, University of Minnesota, Minneapolis, MN, USA
384	390	<i>LAPAROSCOPIC-ASSISTED VERSUS OPEN TOTAL PANCREATECTOMY AND ISLET AUTOTRANSPLANTATION: A CASE-MATCHED STUDY OF PEDIATRIC PATIENTS</i> Srinath Chinnakotla, Megan Berger, Kaustav Majumder, Melena Bellin, Sarah J. Schwarzenberg, Ty Dunn, Timothy Pruett, Gregory Beilman, University of Minnesota, Minneapolis, MN, USA



THURSDAY

HANDS ON ENDOSCOPY #1

Registration Required
See Ticket for Time and Room Assignment
12:00 PM – 3:00 PM

Course Director: Marsha Kay, MD, Cleveland Clinic, Cleveland, OH, USA

Supported in part by an educational grant from Olympus Corporation of the Americas

HANDS ON MOTILITY WORKSHOP #1

pH/IMPEDANCE
Registration Required
See Ticket for Room Assignment
1:00 PM – 3:00 PM

Course Directors:

José Cocjin, MD, Children's Mercy Hospital and Clinics, Kansas City, MO, USA
and Christophe Faure, MD, CHU Sainte-Justine, Montreal, QC, Canada

Speaker:

pH/IMPEDANCE
Marina Orsi, MD, Hospital Italiano of Buenos Aires, Buenos Aires, Argentina

Supported in part by an educational grant from Medtronic



THURSDAY

CONCURRENT SESSION II

DOUBLE BURDEN OF OVER AND UNDER NUTRITION

2:00 PM – 3:40 PM

511CF

Moderators: S.H. Quak, MD and Timothy Sentongo, MD

- 2:00 *INTEGRATING AGRICULTURE AND FOOD SECURITY INTO GASTROINTESTINAL HEALTH*
Mark Manary, MD, Washington University School of Medicine, Saint Louis, MO, USA
- Learning objectives:
1. Appreciate that for agrarian children in sub-Saharan Africa, their diet is contingent upon their family's agricultural activities
 2. Understand that environmental enteric dysfunction is a dynamic condition contingent upon household food security
 3. Appreciate the challenges the rural setting in Africa poses to gut health, and how diet may improve gut health
- 2:20 *DOUBLE BURDEN OF MALNUTRITION: CHALLENGES AND SOLUTIONS FOR CHILDREN AND ADOLESCENTS IN LOW AND MIDDLE INCOME COUNTRIES*
Zulfiqar A Bhutta, MD, Centre for Global Child Health, The Hospital for Sick Children, Toronto, ON, Canada
- Learning objectives:
1. Be sensitized to the global burden of under-nutrition, micronutrient deficiencies and obesity among children and adolescents
 2. Know the current risk factors and determinants of the double burden of malnutrition
 3. Receive an update on the current evidence base for interventions and delivery strategies for at-risk children and adolescents
- 2:40 *GI HEALTH IN REFUGEE POPULATIONS*
Mohammed Rawashdeh, MD, University of Jordan, Jordan
- 3:00 *STUNTING*
Martin Bloem, MD, PhD, World Food Programme, Rome, Italy
- 3:20 *OBESITY: A GLOBAL PERSPECTIVE*
Sarah Barlow, MD, Texas Children's Hospital, Houston, TX, USA
- Learning objectives:
1. Identify areas of the world with high and low childhood obesity prevalence and gender variation
 2. Describe the relationship between income and childhood obesity prevalence as it relates to a country's economic development
 3. Discuss emerging multi-faceted interventions in developed countries

NEW TECHNOLOGY AND CHALLENGES IN THERAPEUTIC PEDIATRIC ENDOSCOPY

2:00 PM – 3:40 PM

517D

Moderators: Sylviane Forget, MD and Jorge Amil Dias, MD

- 2:00 *DIFFICULT AND REFRACTORY STRICTURES: CONSERVATIVE TREATMENT AND SURGERY*
Luigi Dall'Oglio, MD, Bambino Gesù Children's Hospital, Rome, Italy
- Learning objectives:
1. Improve understanding of the role of adjuvant strategies in refractory and recurrent esophageal strictures
 2. Discuss the role of conservative or surgical strategy in recurrent esophageal strictures
 3. Discuss the role of endoscopic or surgical treatment in ileo-colonic strictures in Crohn's disease



THURSDAY

CONCURRENT SESSION II cont'd

- 2:20 *NEW TECHNOLOGIES AND IMAGING MODALITIES*
Victor Fox, MD, Boston Children's Hospital, USA
- Learning objectives:
1. Understand how new tools and technologies can enhance the process and improve the yield of endoscopic diagnosis, screening, and surveillance
 2. Know how new minimally-invasive technologies can be used to measure physical characteristics of the gut wall and extra-luminal structures
- 2:40 *ENDOSCOPIC TREATMENT OF ACHALASIA*
Zhou Pinghong, MD, Zhongshan Hospital, Fudan University, Shanghai, China
- Learning objectives:
1. Provide an overview of the prevalence, diagnosis and current treatments for pediatric achalasia
 2. Evaluate the feasibility, safety, and medium-term efficacy of peroral endoscopic myotomy (POEM), a newly developed and less-invasive endoscopic option, for pediatric patients with achalasia
- 3:00 *THERAPEUTIC ENDOSCOPIC APPROACH TO DIFFICULT GASTROINTESTINAL BLEEDS*
Mario Vieira, MD, Hospital Pequeno Principe - Curitiba, Brazil, Curitiba, PR, Brazil
- Learning objectives:
1. Apply an understanding of the risk factors for gastrointestinal bleeding to the pediatric patient
 2. Recognize situations that require urgent or emergency endoscopy and in employing hemostatic techniques in acute GI bleeding
 3. Discuss the currently available hemostatic techniques and the applicability of their utilization in different settings
- 3:20 *ADVANCES IN ERCP*
Phil Harrison, MD, The Institute of Liver Studies, Kings College, London University, UK

CELIAC DISEASE

2:00 PM – 3:40 PM

524ABC

Moderators: Sanja Kolacek, MD and Shafique Sarker, MD

- 2:00 *GENETICS AND HLA TESTING IN CELIAC DISEASE*
Edwin Liu, MD, Children's Hospital Colorado, Aurora, CO, USA
- Learning objectives:
1. Understand the role of HLA testing in the clinical setting and in screening
 2. Understand the impact of HLA genes on the development of celiac disease
 3. Understand the contributions of family history and non-HLA genes on celiac disease development
- 2:20 *DEBATE: TO BIOPSY OR NOT?*
Ivor Hill, MD, Nationwide Children's Hospital, Columbus, OH, USA vs. Steffen Husby, MD, Odense University Hospital, Odense, Denmark



THURSDAY

CONCURRENT SESSION II cont'd

- 3:00 *DIAGNOSTICS AND SPECTRUM OF GLUTEN RELATED DISORDERS*
Stefano Guandalini, MD, University of Chicago, Comer Children's Hospital, Chicago, IL, USA
- Learning objectives:
1. Understand that wheat ingestion can lead to different disorders, requiring different diagnostic and therapeutic approaches
 2. Realize that the entity referred to as "Non-celiac Gluten Sensitivity" is in fact a mixed bag comprising various conditions
 3. Deploy a reasonable diagnostic approach to tease out these various entities and reach a clear final diagnosis
- 3:20 *NOVEL THERAPEUTICS*
Carlo Catassi, MD, Marche Polytechnic University, Ancona, Italy
- Learning objectives:
1. Understand the basic steps of celiac disease pathophysiology
 2. Evaluate the different drugs that are currently under investigation for non-dietary treatment of celiac disease
 3. Evaluate the study-design of clinical studies aimed to test gluten toxicity in celiac disease

IMMUNE TOLERANCE AND REJECTION

2:00 PM – 3:40 PM

511BE

Moderators: René Romero, MD and Carolina Rumbo, MD

- 2:00 *LATE GRAFT INJURY/ALLOGRAFT HEPATITIS*
Deirdre Kelly, MD, Birmingham Children's Hospital NHS Foundation Trust, Birmingham, West Midlands, UK
- Learning objectives:
1. Outline causes of late graft injury
 2. Exploration of natural history and outcome of idiopathic graft hepatitis/fibrosis
 3. Consideration of possible mechanisms of idiopathic graft hepatitis/fibrosis
 4. Detect clinical evidence and make diagnosis of graft injury
 5. Become familiar with the natural history of graft hepatitis and fibrosis
 6. Understand potential mechanisms of graft hepatitis and fibrosis
- 2:20 *"EMERGING" INFECTIONS IN TRANSPLANTED PATIENTS*
Marian Michaels, MD, Children's Hospital of Pittsburgh of UPMC, Pittsburgh, PA, USA
- 2:40 *RECOGNIZING THE TOLERANT PATIENT*
Shikha Sundaram, MD, Children's Hospital Colorado, Aurora, CO, USA
- 3:00 *PHARMACOLOGY (PHARMACO-GENETICS) AND IMMUNOSUPPRESSION: PAST, PRESENT AND FUTURE*
Patrick McKiernan, MD, Children's Hospital of Pittsburgh of UPMC, Pittsburgh, PA, USA
- Learning objectives:
1. Pharmacokinetics of tacrolimus post-pediatric liver transplantation
 2. Impact of genetic variants on tacrolimus metabolism
 3. Interaction between donor and recipient genetic variants on tacrolimus metabolism following liver transplantation



THURSDAY

CONCURRENT SESSION II cont'd

ANTIBODY-MEDIATED REJECTION IN LIVER TRANSPLANTATION: A PHANTOM OR REAL MENACE?
Udeme Ekong, MD, Yale University, New Haven, CT, USA

Learning objectives:

1. Discuss the evolving role of antibody-mediated rejection in liver transplantation
2. Describe the phenotypic expressions of acute and chronic antibody-mediated rejection
3. Clinical lessons to consider in terms of short- and long-term outcomes
4. Recognize antibody-mediated rejection as a cause of liver allograft dysfunction
5. Become familiar with testing to consider in the setting of liver allograft dysfunction
6. Become familiar with proposed diagnostic criteria for acute and chronic antibody mediated rejection

RESEARCH SESSION: NUTRITION AND INTESTINAL REHABILITATION

2:00 PM – 3:37 PM

510BD

Moderators: Berthold Koletzko MD and Maria Mascarenhas, MD

- 2:00 391. *FUT2 SECRETOR STATUS MODIFIES NEONATAL INTESTINAL ADAPTATION FOLLOWING PREMATURE BIRTH*
Ethan A. Mezoff, Kurt R. Schibler, Ardythe L. Morrow, Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA
- 2:12 392. *PROCESSED SUPERNATANTS FROM LACTOBACILLUS RHAMNOSUS GG CULTURE IMPROVE INTESTINAL BARRIER FUNCTION IN RATS AFTER MASSIVE SMALL BOWEL RESECTION*
Jiang Wu¹, Linxi Qian¹, Yan Zhong², Wei Cai¹, ¹Xin Hua Hospital, Shanghai, China, ²Mead Johnson Pediatric Nutrition Institute, Shanghai, China
- 2:24 393. *DEVELOPMENT OF URINARY ADIPONECTIN AND FIBROBLAST GROWTH FACTOR-21 ASSAY RAPID KIT FOR THE POPULATION-BASED SCREENING OF PEDIATRIC METABOLIC SYNDROME*
Jin Soo Moon, Ahlee Kim, Jae Sung Ko, Ju Young Chang, Youngwon Nam, Kyoungsoon Lee, Sang Hoon Song, Junghun Song, Seoul National University College of Medicine, Seoul National University Bundang Hospital, Jongno-gu, Seoul, South Korea
- 2:36 **STATE-OF-THE-ART LECTURE**
INTESTINAL FAILURE: A NEW ERA
Kelly Tappenden, RD, PhD, University of Illinois at Urbana, Urbana, IL, USA
- Learning objectives:
1. Describe the diagnostic criteria and treatment goals for patients with short bowel syndrome
 2. Outline the importance of driving intestinal rehabilitation in patients with short bowel syndrome
 3. Understand the latest therapeutic options available to patients with short bowel syndrome
- 3:01 394. *DIET QUALITY AND QUALITY OF LIFE IN CHILDREN AND ADOLESCENTS WITH CELIAC DISEASE*
Abeer Salman Alzaben¹, Diana Mager¹, Margaret A. Marcon², Herbert Brill³, Heather Mileski³, Jenna Dowhaniuk³, Matthew Carroll⁴, Rabin Persad⁴, Justine Turner⁴, ¹University of Alberta, Edmonton, AB, Canada, ²Toronto, ON, Canada, ³McMaster Children's Hospital, Hamilton, ON, Canada, ⁴Stollery Children's Hospital, Edmonton, AB, Canada,
- 3:13 395. *PROBIOTIC AND LACTOFERRIN SUPPLEMENTATION IN PREMATURE INFANTS: WHAT'S GOING ON IN THEIR INTESTINAL MICROBIOME?*
Kelly Grzywacz¹, James Butcher², Ibrahim Mohamed¹, Keith Barrinton¹, David Mack³, Alain Stintzi², ¹Sainte Justine University Hospital Center, Montreal, QC, Canada, ²Ottawa Institute of Systems Biology, University of Ottawa, Ottawa, ON, Canada, ³Children's Hospital of Eastern ON, Ottawa, ON, Canada
- 3:25 396. *EVALUATION OF INTESTINAL FAILURE IN CHILDREN BY USING CITRULLINE LEVELS AND PAR-ENTERAL NUTRITION*
Catarina Rosso, Cécile Talbotec, Elie Abi Nader, Olivier Goulet, Cécile Lambe, University Hospital Necker, Paris, France



THURSDAY

PLENARY SESSION II

4:00 PM – 5:30 PM

517ABC

Moderators: Carlo Di Lorenzo, MD and Paul Hyman, MD

APFED OUTSTANDING EGID ABSTRACT AWARD

- 4:00 397. *EPITHELIAL-FIBROBLAST INTERACTION DRIVES PRO-FIBROTIC MILIEU IN EOSINOPHILIC ESOPHAGITIS*

Amanda Muir¹, Fiona Gambanga¹, Jonathan Kluger¹, Koji Tanaka^{2, 2}, Alain Benitez¹, Prasanna Modayur², Kelly Whelan², Hiro Nakagawa², ¹The Children's Hospital of Philadelphia, Philadelphia, PA, USA, ²Perelman School of Medicine at the University of Pennsylvania, Philadelphia, PA, USA

NUTRITION PRIZE

- 4:12 398. *EARLY FECAL MICROBIOMES ARE DIFFERENT IN PREMATURE NEONATES WHO DEVELOP PARENTERAL NUTRITION-ASSOCIATED CHOLESTASIS*

Jasmeet S. Mokha^{1, 2}, Adam Matson^{1, 2}, Zev H. Davidovics^{1, 2}, Melissa Caimano², Justin Radolf², ¹Connecticut Children's Medical Center, Hartford, CT, USA, ²University of Connecticut Health Center, Farmington, CT, USA

- 4:24 399. *FECAL EXTRACTS FROM COLICKY INFANTS INDUCE VISCERAL HYPERSENSITIVITY IN MICE*

Clara Garcia Rodenas¹, Hélène Eutamène², Sophie Yvon², Emilie d'Aldebert², Gabriela Bergonzelli¹, Francis Foata¹, Julien Sauser¹, Bernard Berger¹, Emmanuel Mas³, ¹Nestlé Research Center, Lausanne, Switzerland, ²Toxalim, University of Toulouse, Toulouse, France, ³Hôpital des Enfants, Toulouse, France

KEYNOTE ADDRESS

- 4:36 *THE SECOND BRAIN: PERILS AND PROGRESS*

Michael Gershon, MD, Chair of Department of Pathology and Cell Biology, Columbia University, New York, NY, USA

- 5:06 400. *CHARACTERIZING THE MECHANISM OF BILE RESISTANCE AND RELATED BIOFILM FORMATION IN SHIGELLA FLEXNERI*

Christina S. Faherty¹, Kourtney P. Nickerson¹, Rachael B. Chanin¹, Jeticia R. Sistrunk², Peter Fink¹, Massachusetts General Hospital, Charlestown, MA, U.S.A., Deepak K.V. Kumar¹, David A. Rasko², ¹Massachusetts General Hospital, Charlestown, MA, USA, ²University of Maryland School of Medicine, Baltimore, MD, USA

NASPGHAN Foundation/George Ferry Young Investigator Development Award

- 5:18 *ROLE OF PROMININ-1 EXPRESSING CELLS IN BILIARY FIBROSIS OF BILIARY ATRESIA*

Nirmala Mavila, PhD, Cedars Sinai, Los Angeles, CA, USA

Learning objectives:

1. Describe the common pathological complications of biliary atresia
2. Discuss recent advances in the molecular basis of ductular obstruction and fibrosis associated with experimental model of biliary atresia
3. Discuss potential role of Prominin1 expressing cells in fibrosis of biliary atresia



THURSDAY

LASPGHAN SYMPOSIUM

6:00 PM - 8:45 PM

511BE

Moderator: Leonel Rodriguez, MD

- 6:00 PM *WELCOME*
- 6:10 PM *STATE-OF-THE-ART LECTURE IN NUTRITION*
Samuel Kocoshis, MD, Cincinnati Children's Hospital Medical Center, Cincinnati OH, USA
- 6:35 PM *ABSTRACT AWARD PRESENTATIONS*
- 6:55 PM *NEW ADVANCES IN PEDIATRIC GASTROENTEROLOGY: ROME CRITERIA IN PEDIATRICS*
Miguel Saps, MD, Nationwide Children's Hospital, Columbus OH, USA
- 7:15 PM *ABSTRACT AWARD PRESENTATIONS*
- 7:35 PM *LIVER TOPIC: UPDATE IN THE EVALUATION AND MANAGEMENT OF VIRAL HEPATITIS*
Regino Gonzalez-Peralta, MD, UF Health Shands Hospital, Gainesville FL, USA
- 7:55 PM *DEBATE: INDUCTION OF REMISSION ON IBD: ENTERAL NUTRITION VS. STEROIDS*
Moderators: Norberto Rodriguez, MD, Children's Medical Center Dallas and Armando Madrazo, MD Monterrey, Mexico
- ENTERAL NUTRITION*
Juan Jose Diaz Martin, MD, Hospital Universitario Central de Asturias, Oviedo, Spain
vs,
STEROIDS/BIOLOGICALS
Francisco Sylvester, MD, NC Children's Hospital, Chapel Hill, NC, USA
- 8:45 PM LASPGHAN BUSINESS MEETING AND RECEPTION

PASPGHAN SYMPOSIUM

6:00 PM – 8:30 PM

511CF

- 6:30 PM Moderators: Ahmad Meherzi, MD, Tunisia and Kamal Hassan, MD, Qatar
PEDIATRIC IBD IN SAUDI ARABIA
Omar Saadah, MD, King Abdulaziz University, Jeddah, Western, Saudi Arabia
- 7:00 PM *CONGENITAL DIARRHEA: A PRACTICAL APPROACH*
Mohamad Miqdady, MD, Sheikh Khalifa Medical City, Abu Dhabi, United Arab Emirates
- 7:30 PM Moderators: Bassam Eid, MD, Lebanon and Moath Al Turaiki, MD, Saudi Arabia
NEONATAL CHOLESTASIS IN THE ARAB REGION
Mohamed El Guindi, MD, National Liver Institute, Menoufiya University, Shebin El-Kom, Menoufiya, Egypt
- 8:00 PM *AUTOIMMUNE LIVER DISEASE IN MOROCCAN CHILDREN*
Toufik Meskini, MD, University Mohamed V Rabat - Children's Hospital, Rabat, Morocco



WCPGH ANI 2018



THURSDAY

SOIREE FRANCOPHONE DU WCPGHAN

Jeudi le 06 octobre 2016

18:00 - 20:30

- 18:00 **INTRODUCTION**
Prévost Jantchou, MD, Centre Hospitalier Universitaire de Sainte-Justine, Montréal QC, Canada
- 18:05 – 18:15 **DISCOURS DE BIENVENUE**
Colette Deslandres, MD, Centre Hospitalier Universitaire de Sainte-Justine, Montréal QC, Canada
- 18:15 **DÉBUT DES COMMUNICATIONS ORALES**
Modérateurs : Christophe Faure, MD et Prévost Jantchou, MD
- 18:15 – 18:35 *L'EXPÉRIENCE PRÉVIENT ELLE LES ERREURS ?*
Marc Bellaiche, MD, Hôpital Saint-Louis, Paris, France
- 18:35 – 18:45 *SUPPLÉMENTATION EN PROBIOTIQUE ET EN LACTOFERRINE DES BÉBÉS PRÉMATURÉS: QUEL EFFET SUR LE MICROBIOME?*
Kelly Grzywacz, MD, Centre Hospitalier Universitaire de Sainte-Justine, Montréal QC, Canada
- 18:45 – 19:05 *HÉPATITE AUTOIMMUNE : QUOI DE NEUF EN 2016*
Fernando Alvarez, MD, Centre Hospitalier Universitaire de Sainte-Justine, Université de Montréal, Montreal, QC, Canada
- 19:05 – 19:15 *CARACTÉRISATION DES ANTICORPS SPÉCIFIQUES CONTRE LE DONNEUR (DE NOVO ET PERSISTANTS) EN TRANSPLANTATION HÉPATIQUE*
Dominique Schluckebier, MD, Geneva University Hospitals, Swiss Center for Liver Disease in Children Genève, Suisse
- 19:15 – 19:35 *AVANCÉES MÉDICALES DANS LA PRISE EN CHARGE DE L'INSUFFISANCE INTESTINALE CHEZ L'ENFANT*
Olivier Goulet, MD, Necker Enfants Malades University Hospital, Paris, France
- 19:35 – 19:45 *LAMANOMÉTRIE OESOPHAGIENNE HAUTE RÉOLUTION AFIN DE DISTINGUER LES ÉPISODES DE RUMINATION PRIMAIRES ET SECONDAIRES CHEZ LES ENFANTS ET LES ADOLESCENTS*
Franziska Righini-Grunder, MD, Centre Hospitalier Universitaire de Sainte-Justine, Université de Montréal, Montréal, QC, Canada
- 19:45 – 20:05 *LA RESPONSABILITÉ SOCIALE: L'EXEMPLE DES FACULTÉS DE MÉDECINE FRANCOPHONES*
Ahmed Maherzi, MD, Mongi Slim Hospital, Sidi Daoud, La Marsa, Tunisie
- 20:15 **MOT DE CLÔTURE**
Christophe Faure, MD, Centre Hospitalier Universitaire de Sainte-Justine, Université de Montréal, Montréal, QC, Canada



FRIDAY

MEET THE PROFESSOR BREAKFAST SESSIONS

Registration Required
See Tickets for Room Assignments
7:00 AM – 8:00 AM

1. *GUT MICROBIOME AND IBD*
David Mack, MD and Iva Hojsak, MD
2. *PORTAL HYPERTENSION*
Jeffrey Teckman, MD and André Roy, MD
3. *CURRENT INDICATIONS FOR INTESTINAL TRANSPLANTATION*
Girish Gupte, MD and Simon Horslen, MD
4. *DIFFICULT FOREIGN BODIES*
Petar Mamula, MD and Luigi Dall'Oglio, MD
5. *EVOLVING PARADIGMS FOR TREATMENT OF CONSTIPATION: NOVEL TREATMENTS AND TECHNIQUES FOR DIAGNOSIS AND TREATMENT OF CHRONIC CONSTIPATION*
Desale Jacob, MD and Jaime Belkind-Gerson, MD
6. *NUTRITIONAL (AND OTHER) MANAGEMENT OF ACUTE PANCREATITIS*
Alfredo Larossa, MD, Maisam Abu-El-Haija, MD and Mary Beth Feuling, RD
7. *MANAGEMENT OF INTRA-ABDOMINAL ABSCESS/PHLEGMON IN CROHN'S DISEASE*
Wallace Crandall, MD and Shezad Saeed, MD
8. *INFANT NUTRITION IN RESOURCE-RESTRICTED ENVIRONMENTS*
Sana Syed, MD and Christopher Duggan, MD
9. *FECAL MICROBIOTA TRANSPLANT*
Maria Oliva-Hemker, MD and Stacy Kahn, MD
10. *EVALUATION OF GERD: USE OF pH-IMPEDANCE (IN SPANISH)*
Marina Orsi, MD and Jose Garza, MD



FRIDAY

Joint Meeting of the Association of Pediatric Gastroenterology and Nutrition Nurses (APGNN), The Council for Pediatric Nutrition Professionals (CPNP) and the Psychology Collaborative Group - Room 511AD

7:30 AM - 8:00 AM	REGISTRATION
8:00 AM - 8:45 AM	WELCOME James Heubi, MD President Elect, NASPGHAN Ryan Shonce, APN, MSN President, The Association of Pediatric Gastroenterology and Nutrition Nurses Jennifer Crouse, RD, President, Council of Pediatric Nutrition Professionals Amanda Deacy, Psychology Collaborative Group
8:45 AM - 10:15 AM	LIVER TRANSPLANT: A MULTI-DISCIPLINARY APPROACH
8:45 AM - 9:15 AM	PEDIATRIC LIVER TRANSPLANT: AN OVERVIEW Jerome Menendez DNP, MSN Carolinas HealthCare System Learning objectives: • Identify indication for pediatric liver transplant • Recognize potential complication following liver transplant • Discuss the need for post-transplant immune suppression therapy
9:15 AM - 9:45 AM	ASSESSMENT AND MANAGEMENT OF BARRIERS TO ADHERENCE IN LIVER TRANSPLANT RECIPIENTS Jamie Ryan PhD, Children's Mercy, Kansas City Learning objectives: • List 3 or more barriers to effective self-management in pediatric transplant recipients • Describe at least 2 benefits of screening for adherence barriers • Identify 2 or more strategies for addressing adherence barriers in clinical practice.
9:45 AM - 10:15 AM	NUTRITION IN LIVER TRANSPLANT: A BALANCING ACT Kathryn Chambers RD, The Hospital for Sick Kids Toronto Learning objectives: • Discuss main nutritional concern in patient pre-liver transplant • Explain a few of the nutritional strategies to optimize nutritional status in liver patient pre-transplant • Demonstrate the importance of weekly anthropometric collection pre transplant. • Emphasize the importance of balanced healthy nutritional pre-transplant
10:15 AM - 10:30 AM	BREAK
10:30 AM - 12:30 PM	CYSTIC FIBROSIS: A TEAM APPROACH
10:30 AM - 11:00 AM	MANIFESTATIONS OF GASTROINTESTINAL ISSUES IN CYSTIC FIBROSIS Veronique Morinville MD, Montreal Children's Hospital
11:00 AM - 11:30 AM	GI NURSING CONSIDERATIONS FOR THE CYSTIC FIBROSIS PATIENT Sophie Vallee-Smejda RN, Montreal Children's Hospital
11:30 AM - 12:00 AM	CF NUTRITIONAL MANAGEMENT: NUTS AND BOLTS Donna Drury RD, Montreal Children's Hospital Learning objectives: • Recognize the various manifestations of cystic fibrosis involving the gastrointestinal system • Appreciate how a team approach can help optimize digestive and overall health in a cystic fibrosis child



FRIDAY

12:00 - 12:30

PSYCHOSOCIAL SUPPORT FOR GI SYMPTOMS IN PATIENTS WITH CF
Brandi Whitaker, PhD, Arkansas Children's Hospital

Learning objectives:

- Overview of common GI issues in patients with CF
- Behavioral/parenting strategies to meet daily calorie needs
- Adherence for taking enzymes
- Non-pharmacological pain management techniques

12:30 PM - 1:30 PM

LUNCH AND POSTER SESSION

1:30 PM - 3:00 PM

FUNCTIONAL GI DISORDERS: A MULTI-DISCIPLINARY APPROACH

1:30 PM - 2:00 PM

ADVANCES IN THE EVALUATION AND TREATMENT OF FUNCTIONAL ABDOMINAL PAIN
Samuel Nurko MD, MPH and Elizabeth Burch MSN, CPNP Boston Children's Hospital

Learning objectives:

- Understand the pathophysiology of functional abdominal pain
- Understand the multi-disciplinary treatment of functional abdominal pain
- Understand the different treatment modalities to be used

2:00 PM - 2:30 PM

NUTRITIONAL CONCERNS WHEN MANAGING PEDIATRIC PATIENTS WITH FUNCTIONAL ABDOMINAL PAIN

Janet Iurilli RD, Phoenix Children's Hospital

Learning objectives:

- Understand the current nutritional approaches in managing functional abdominal pain in pediatric patients
- Recognize the potential nutritional deficiencies that can be a result of a restricted or elimination diet in pediatric patients (specifically a low FODMAP diet)
- Appreciate the essential role of the dietitian to ensure nutritional adequacy for growth in pediatric patients

2:30 PM - 3:00 PM

PROMOTING RESILIENCE IN YOUTH WITH FUNCTIONAL GASTROINTESTINAL DISORDERS
Kari Baber PhD, Children's Hospital of Philadelphia

Learning objectives:

- Identify factor associated with resilience in youths with functional gastrointestinal disorders
- Describe the utility of psychological intervention in promoting adaptive functioning and resilience in youth with functional gastrointestinal disorders

3:00 PM - 3:15 PM

BREAK

3:15 PM - 5:15 PM

INTESTINAL REHABILITATION A TEAM APPROACH

3:15 PM - 3:45 PM

BUILDING AN INTESTINAL FAILURE PROGRAM: NIFYTy LESSONS
Abigail Martin MD, Al DuPont Hospital for Children

Learning objectives:

- List intestinal failure team members and discuss their role in caring for these patients
- Describe at least 2 examples of difficulties that may be encountered when trying to build an intestinal failure program

3:45 PM - 4:15 PM

NUTRITIONAL ASSESSMENT IN CHILDREN WITH INTESTINAL FAILURE
Nicole Fragale RD, Al DuPont Hospital for Children

Learning objectives:

- To demonstrate the ability to conduct a nutrition assessment in a child with intestinal failure
- To discuss best practices for feeding patient with intestinal failure
- To identify common nutrient deficiencies in patient with intestinal failure



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FRIDAY

4:15 PM - 4:45 PM *MANAGEMENT OF PEDIATRIC INTESTINAL FAILURE*
 Margy Miccolis APN, Al DuPont Hospital for Children

Learning objectives:

- Describe the definition and etiology of pediatric intestinal failure.
- Explain the pathophysiology of pediatric intestinal failure
- Describe techniques for management for pediatric intestinal failure that improve outcomes.

4:45 PM - 5:15 PM *PSYCHOSOCIAL RISK AND PATIENT/CAREGIVER QUALITY OF LIFE WITHIN THE CONTEXT OF PEDIATRIC INTESTINAL FAILURE REHAB*
 Rebecca Johnson PhD ABPP, Children's Mercy, Kansas City

Learning objectives:

- Describe child- and family-related stressors common to pediatric intestinal failure.
- Describe how pediatric intestinal failure impacts child/caregiver/family quality of life.
- Identify how psychosocial risk factors are related to treatment outcomes and how a team approach can ameliorate risk.

5:15 PM WRAP UP

5:15 PM - 5:45 PM COMMITTEE MEETINGS

- Media
- Research
- PT and Family Education
- Clinical Practice
- Program
- Membership

513A
 513B
 513C
 513D
 514A
 514B

6:00 PM APGNN SOCIAL EVENT

HYATT REGENCY HOTEL - INSPIRATION ROOM

6:00 PM CPNP Reception

512ABEF



FRIDAY

PLENARY SESSION III

8:00 AM – 9:30 AM

517ABC

Moderators: Raanan Shamir, MD and John Barnard, MD

GERARD ODELL PRIZE

- 8:00 402. *GESTATIONAL ALLOIMMUNE LIVER DISEASE: FATE OF UNTREATED PREGNANCY IN 152 WOMEN AND OUTCOME OF AFFECTED INFANTS*
Sarah A Taylor, Susan Kelly, Peter F Whittington, Anne & Robert H. Lurie Children's Hospital of Chicago, Chicago, IL, USA

GRAND WATKINS PRIZE

- 8:12 403. *THE ROLE OF A NOVEL IL-10-PRODUCING REGULATORY T CELL (TR2) IN IMMUNE HOMEOSTASIS*
Masaki Tajima, Ivan J. Fuss, Atsushi Kitani, Warren Strober, Mucosal Immunity Section, NIAID, National Institutes of Health, Bethesda, MD, USA

8:24 KEYNOTE ADDRESS

INDUCED PLURIPOTENT STEM CELLS IN THE FUTURE OF GASTROENTEROLOGY/HEPATOLOGY
Stephen Duncan, MD, Professor and Chair, Regenerative Medicine and Cell Biology, Medical University of South Carolina, Charleston, SC, USA

Learning objectives:

1. Understand the use of iPSCs as models of metabolic liver disease and their use as a platform for drug discovery

- 8:54 404. *AUTOIMMUNE PANCREATITIS IN CHILDREN: WORKING GUIDELINES FOR DIAGNOSIS AND TREATMENT*
Isabelle Scheers¹, Joseph J. Palermo², Steve Freedman³, Michael Wilschanski⁴, Maisam Abu-El-Haija², Tom K. Lin², Bradley Barth⁵, David Troendle⁵, Douglas S. Fishman⁶, Matthew J. Giefer⁷, Melvin B. Heyman⁸, Emily R. Perito⁸, Sohail Z. Husain⁹, Bridget Zimmerman¹⁰, Quin Liu¹¹, Mark Lowe⁹, Maria Mascarenhas¹², Veronique Morinville¹³, Chee Y. Ooi¹⁴, Sarah Jane Schwarzenberg¹⁵, Steven Werlin¹⁶, Aliye Uc¹⁷, Tanja Gonska¹, ¹Hospital for Sick Children, Toronto, ON, Canada, ²Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA, ³Harvard Medical School, Boston, MA, USA, ⁴Hadassah Hebrew University Hospital, Jerusalem, Israel, ⁵University of Texas Southwestern Medical School, Dallas, TX, USA, ⁶Baylor College of Medicine, Houston, TX, USA, ⁷Seattle Children's Hospital, Seattle, WA, USA, ⁸University of California at San Francisco, San Francisco, CA, USA, ⁹Children's Hospital of Pittsburgh of UPMC, Pittsburgh, PA, USA, ¹⁰University of Iowa, College of Public Health, Biostatistics, Iowa City, IA, USA, ¹¹Keck School of Medicine, University of Southern California, Children's Hospital Los Angeles, Los Angeles, CA, USA, ¹²The Children's Hospital of Philadelphia, Philadelphia, PA, USA, ¹³Montreal Children's Hospital, McGill University, Montreal, QC, Canada, ¹⁴School of Women's and Children's Health, Medicine, University of New South Wales and Sydney Children's Hospital Randwick, Sydney, Australia, ¹⁵University of Minnesota Masonic Children's Hospital, Minneapolis, MN, USA, ¹⁶Medical College of Wisconsin, Milwaukee, WI, USA, ¹⁷University of Iowa Carver College of Medicine, Iowa City, IA, USA

- 9:06 405. *CHARACTERISTICS OF PRE-FORMED AND DE NOVO DONOR SPECIFIC ANTIBODIES IN PEDIATRIC LIVER TRANSPLANTS*
Dominique Schluckebier, Valérie McLin, Vladimir Cousin, Laetitia Marie Petit, Dominique Belli, Barbara Wildhaber, Anne-Laure Rougemont, Jean Villard, Sylvie Ferrari-Lacraz, Geneva University Hospitals, Swiss Center for Liver Disease in Children, Geneva, Switzerland



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FRIDAY

PLENARY SESSION III cont'd

9:18 **NASPGHAN Foundation/Crohn's and Colitis Foundation of America Young Investigator Development Award**
REDEFINING DEEP REMISSION IN PEDIATRIC CROHN'S DISEASE
Phillip Minar, MD, Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA

Learning objectives:

1. Compare/contrast the accuracy of fecal calprotectin and neutrophil CD64 expression, two surrogate biomarkers of intestinal inflammation in pediatric Crohn's disease
2. Distinguish between biological (deep) remission from clinical remission
3. Apply the concept of biological remission to improve sustained, steroid-free remission in patients receiving maintenance anti-TNF therapy

9:30 AM – 10:00 AM

BREAK

Exhibit Hall, Room 210



FRIDAY

CONCURRENT SESSION III

RESEARCH SESSION: VIDEO ABSTRACTS

10:00 AM – 12:00 PM

510BD

Moderators: Douglas Fishman, MD and Dharam Basude, MD

- 10:00 407 *SUCCESSFUL DRAINAGE OF PERIRECTAL ABSCESS USING A NOVEL LUMEN APPOSING METAL STENT*
Safeera Javed¹, Inna Novak², Yolanda Rivas¹, Sammy Ho¹, ¹Montefiore Medical Center, Bronx, NY, USA, ²The Children's Hospital at Montefiore, New York, NY, USA
- 10:12 408 *REMOVING MIGRATED VENTRICULAR PERITONEAL SHUNT TO THE COLON BY COLONOSCOPY*
Homoud Al Hebbi, Mohamed Homoud, Prince Sultan Military Medical City, Riyadh, Saudi Arabia
- 10:24 409 *ENDOSCOPIC APPEARANCE OF ANTRAL WEBS IN CHILDREN*
Julia Fritz, Diana Lerner, Alfonso Martinez, Medical College of Wisconsin, Milwaukee, WI, USA
- 10:36 410 *THE ROLE OF ENDOSCOPIC CHOLANGIOSCOPY IN AN 8-YEAR-OLD WITH WILLIAMS SYNDROME AND RECURRENT CHOLEDOCHOLITHIASIS*
Brian Maksimak, Marsha Kay, Mansour Parsi, Bradley Confer, Praveen Kumar Conjeevaram Selvakumar, Cleveland Clinic, Cleveland, OH, USA
- 10:48 411 *SUCCESSFUL ENDOSCOPIC REMOVAL OF A TOOTHBRUSH FROM DUODENUM C LOOP*
Arathi Lakhole, Tracy Griekscheit, Chuan Hao Lin, Yuhua Zheng, Children's Hospital Los Angeles, Los Angeles, CA, USA
- 11:00 412 *DIGITAL EVALUATION OF THE BILIOPANCREATIC TREE: CASES FROM THE PEDIATRIC ERCP DATABASE INITIATIVE CONSORTIUM*
Douglas S. Fishman¹, David M. Troendle², Matthew J. Giefer³, Bradley Barth⁴, ¹Texas Children's Hospital, Baylor College of Medicine, Houston, TX, USA, ²University of Texas Southwestern Medical Center, Dallas, TX, USA, ³Seattle Children's Hospital, Seattle, WA, USA, ⁴University of Texas Southwestern Medical Center, Dallas, TX, USA
- 11:12 413 *A NOVEL AND QUICK PLACEMENT OF GASTRO-JEJUNAL TUBES USING BOSTON ENDO CLIPS*
Prithviraj Rao, Sheffield Children's Hospital, Sheffield, South Yorkshire, UK
- 11:24 414 *HISTORY OF PEDIATRIC ENDOSCOPY: THE BELGIAN FRONT*
Douglas S. Fishman¹, Samy Cadranet², ¹Texas Children's Hospital, Baylor College of Medicine, Houston, TX, USA, ²Queen Fabiola Children's Hospital, Brussels, Belgium
- 11:36 415 *ENDOSCOPIC TECHNIQUE TO RE-ESTABLISH SMALL INTESTINAL CONTINUITY IN A PEDIATRIC PATIENT WITH A PENETRATING DUODENAL INJURY TREATED BY PYLORIC EXCLUSION*
Diana Lerner, Alfonso Martinez, Marjorie Arca, Dave Lal, Medical College of Wisconsin, Milwaukee, WI, USA
- 11:48 416 *IgG4 SYSTEMIC DISEASE WITH PANCREAS, BILIARY AND KIDNEY INVOLVEMENT IN ADOLESCENT WITH CROHN'S DISEASE, ENDOSCOPIC EVALUATION, TREATMENT AND OUTCOME*
J. Antonio Quiros, Xiaoyi Zhang, Shaoli Sun, Paul Thacker, Meryl Elund, Christine Carter Kent, Katherine Twombly, MUSC Children's Hospital, Charleston, SC, USA



FRIDAY

CONCURRENT SESSION III cont'd

INFLAMMATORY BOWEL DISEASE: DIAGNOSIS, EVALUATION, SPECIAL PROBLEMS

10:00 AM – 11:40 AM

517D

Moderators: Richard Grand, MD and Bhupinder Sandhu, MD

- 10:00 *CLASSIFICATION AND PREDICTION OF CLINICAL COURSE IN NEW ONSET IBD*
David Wilson, MD, University of Edinburgh, Scotland, UK
- 10:20 *MONOGENIC IBD*
Aleixo Muise, MD, The Hospital for Sick Children, Toronto, ON, Canada
- Learning objectives:
1. To know which patients are appropriate for whole exome sequencing
 2. To be able to identify the most common forms of monogenic IBD including IL10R, XIAP, and LRBA deficiency
 3. To determine appropriate therapies for monogenic forms of IBD including stem cell transplant
 4. Upon completion of this session, the learner will be able to identify IBD patients that are likely to have monogenic forms of the disease and understand the appropriate therapies
- 10:40 *TREATING TO WHAT TARGET?*
Jeffrey Hyams, MD, Connecticut Children's Medical Center, Hartford, CT, USA
- Learning objectives:
1. Define the benefits of mucosal healing in inflammatory bowel disease
 2. Discuss limitations of current methodologies for determining mucosal healing
 3. Discuss whether "deeper" levels of remission, rather than mucosal healing, are desired or practical
- 11:00 *OUTCOME ASSESSMENT IN PEDIATRIC IBD*
Dan Turner, MD, Shaare Zedek Med Center-The Hebrew University, Jerusalem, Israel
- Learning objectives:
1. Learn what measures are available to reflect mucosal inflammation and how to choose the appropriate measure in each scenario, including in Crohn's disease and ulcerative colitis, including activity indices, PRO's, serum and fecal inflammatory markers, imaging and endoscopic evaluation
- 11:20 *MANAGEMENT OF CROHN'S DISEASE FOLLOWING INTESTINAL RESECTION*
Peter Lewindon, MD, Lady Cilento Children's Hospital, Brisbane, South Brisbane, Queensland, Australia

RESEARCH SESSION: HEPATOLOGY

10:00 AM – 11:37 AM

511BE

Moderators: Fernando Alvarez, MD and Lorenzo D'Antiga, MD

- 10:00 417. *MACROPHAGE DERIVED INTERLEUKIN-1-BETA SUPPRESSES LIVER X RECEPTOR AND HEPATIC PHYTOSTEROL TRANSPORTERS ABCG5/8 TO PROMOTE PARENTERAL NUTRITION ASSOCIATED CHOLESTASIS IN MICE*
Karim El Kasmi, Ronald Sokol, Frederick J. Suchy, Angelo D'Alessandro, Crystal Woods, Sarah McKenna, Clyde J. Wright, Natarajan Balasubramanian, Padade Vue, Michael W. Devereaux, Aimee L. Anderson, University of Colorado Denver, Aurora, CO, USA
- 10:12 418. *EXOVESICLES ENRICHED IN MIR-128-3P PLAY A CRUCIAL ROLE IN THE DEVELOPMENT OF LIVER FIBROSIS AND HSC ACTIVATION IN AN EXPERIMENTAL MODEL OF NASH-FIBROSIS AND HCC*
Davide Povero, Ariel E Feldstein, David Kneiber, Casey Johnson, Akiko Eguchi, University of California – San Diego, La Jolla, CA, USA



CONCURRENT SESSION III cont'd

- 10:24 419. *MINIMAL HEPATIC ENCEPHALOPATHY IN CHILDREN WITH CHRONIC LIVER DISEASE: PREVALENCE, PATHOGENESIS AND ROLE OF MAGNETIC RESONANCE BASED INVESTIGATIONS IN DIAGNOSIS*
Anshu Srivastava¹, Saurabh Chaturvedi¹, Rohan Malik¹, Amrita Mathias¹, R K Gupta², N R Jagannathan³, CM Pandey¹, Sunil Kumar¹, S K Yachha¹, R K S Rathore⁴, ¹Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow, UP, India, ²Fortis Hospital Gurgaon, Gurgaon, Haryana, India, ³AIIMS, Delhi, India, ⁴IIT Kanpur, Kanpur, UP, India
- 10:36 **STATE OF THE ART LECTURE**
THE AVANT-GARDE IN PEDIATRIC NAFLD: SEPARATING THE FOIE FROM THE GRAS
Jeffrey Schwimmer, MD, Rady Children's Hospital, University of California, San Diego, CA, USA
- Learning objectives:
1. Interpret ALT values in children
2. Assess co-morbidities of pediatric NAFLD
3. Evaluate clinical trial data for pediatric NAFLD
- 11:01 420. *LEDIPASVIR/SOFOSBUVIR FOR 12 WEEKS IS SAFE AND EFFECTIVE IN ADOLESCENTS WITH CHRONIC HEPATITIS C INFECTION*
William Balistreri¹, Philip Rosenthal², Sanjay Bansal³, Regino Gonzalez-Peralta⁴, Jessica Wen⁵, Mary Suzanne Whitworth⁶, Chuan-Hao Lin⁷, Maureen M Jonas⁸, Norberto Rodriguez-Baez⁹, Bittoo Kanwar¹⁰, Theo Brandt-Sarif¹⁰, Yanni Zhu¹⁰, Polina German¹⁰, Kathryn Kersey¹⁰, Diana M Brainard¹⁰, Kathleen Schwarz¹¹, Karen F Murray¹², ¹Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA, ²University of California, San Francisco, CA, USA, ³King's College Hospital, London, UK, ⁴University of Florida, Gainesville, FL, USA, ⁵The Children's Hospital of Philadelphia, Philadelphia, PA, USA, ⁶Cook Children's Medical Center, Fort Worth, TX, USA, ⁷Children's Hospital Los Angeles, Los Angeles, CA, USA, ⁸Boston Children's Hospital, Boston, MA, USA, ⁹University of Texas Southwestern Medical Center, Dallas, TX, ¹⁰Gilead Sciences Inc., Foster City, CA, USA, ¹¹Johns Hopkins University School of Medicine, Boston, MA, USA, ¹²Seattle Children's Hospital, Seattle, WA, USA
- 11:13 421. *NEURODEVELOPMENTAL OUTCOMES IN PATIENTS WITH BILIARY ATRESIA AND NATIVE LIVER AT AGES 1 AND 2 YEARS: RESULTS FROM CHILDREN - AN INTERNATIONAL MULTI-CENTER CONSORTIUM*
Vicky Lee Ng^{1,16}, Lisa G. Sorensen^{2, 16}, Estella M. Alonso^{2, 16}, Emily M. Fredericks^{3,4, 16}, Wen Ye^{4, 16}, Saul J. Karpen^{5, 16}, Benjamin L. Shneider^{6, 16}, Jorge A. Bezerra^{7, 16}, Jean P. Molleston^{8, 16}, Karen F. Murray^{9, 16}, Philip Rosenthal^{10, 16}, Kaspar S. Wang^{11, 16}, Kathleen M. Loomes^{12, 16}, Paula M. Hertel^{6, 16}, Nanda Kerkar^{11, 16}, Averell H. Sherker^{13, 16}, John C. Magee^{14, 16}, Ronald J. Sokol^{15, 16}, ¹The Hospital for Sick Children, University of Toronto, Toronto, ON, Canada, ²Ann & Robert H. Lurie Children's Hospital of Chicago, Northwestern University Feinberg School of Medicine, Chicago, IL, USA, ³Division of Child Behavioral Health, University of Michigan, Ann Arbor, MI, USA, ⁴C.S. Mott Children's Hospital, Ann Arbor, MI, USA, ⁵Emory University School of Medicine/Children's Healthcare of Atlanta, Atlanta, GA, USA, ⁶Baylor College of Medicine, Houston, TX, USA, ⁷Cincinnati Children's Hospital Medical, Cincinnati, OH, USA, ⁸Indiana University School of Medicine /Riley Hospital for Children, Indianapolis, IN, ⁹Division of Gastroenterology and Hepatology, University of Washington Medical Center, Seattle Children's, Seattle, WA, USA, ¹⁰University of California, San Francisco, San Francisco, CA, USA, ¹¹Division of Pediatric Surgery, Children's Hospital Los Angeles, Los Angeles, CA, USA, ¹²Children's Hospital of Philadelphia, Philadelphia, PA, USA, ¹³Liver Diseases Research Branch, National Institute of Diabetes and Digestive and Kidney Diseases, National Institutes of Health, Bethesda, MD, USA, ¹⁴University of Michigan Medical School, Ann Arbor, MI, USA, ¹⁵University of Colorado School of Medicine, Aurora, CA, USA, ¹⁶ChILDRen Network
- 11:25 422. *THE SAME GENETIC FACTORS IN HUMAN LEUKOCYTE ANTIGEN (HLA)-DP ARE IMPORTANT FOR BOTH HEPATITIS B VACCINE RESPONSE AND THE CLINICAL OUTCOMES OF HEPATITIS B INFECTION*
Aiko Sakai¹, Ryo Sumazaki¹, Takashi Fukushima¹, Manabu Tagawa¹, Kazuo Imagawa¹, Hiroko Fukushima¹, Atsushi Iwabuchi¹, Mika Sasaki², Emiko Noguchi¹, ¹University of Tsukuba, Tsukuba, Ibaraki, Japan, ²Iwate Medical University, Morioka, Iwate, Japan



FRIDAY

CONCURRENT SESSION III cont'd

RESEARCH SESSION: CELIAC AND OTHER LUMINAL DISEASES

10:00 AM – 11:37 AM

524ABC

Moderators: Ichiro Nomura, MD and Sylvia Cruchet, MD

APFED OUTSTANDING EGID ABSTRACT AWARD

- 10:00 423. *EPITHELIAL BARRIER DYSFUNCTION IN A MOUSE MODEL OF EOSINOPHILIC ESOPHAGITIS*
Nathalie Nguyen¹, Joanne C. Masterson¹, Juliet A. Hammer¹, Kathryn A. Biette¹, James J. Lee², Glenn T. Furuta¹, ¹University of Colorado School of Medicine; Digestive Health Institute, Children's Hospital Colorado, Aurora, CO, USA, ²Mayo Clinic, Scottsdale, AZ, USA
- 10:12 424. *FEASIBILITY OF A COMPETITIVELY-SELECTED, UNIVERSAL DONOR FECAL MICROBIOTA TRANSPLANTATION PROTOCOL & CHARACTERIZATION OF POST-TRANSPLANT MICROBIOTA MODIFICATION*
Danielle Barnes^{1,2}, KT Park¹, Mark Smith³, Zain Kassam³, ¹Stanford University, Palo Alto, CA, USA, ²USA Navy, Union City, CA, USA, ³OpenBiome, Boston, MA, USA
- 10:24 425. *LONG-TERM SAFETY AND EFFICACY OF RESLIZUMAB IN CHILDREN AND ADOLESCENTS WITH EOSINOPHILIC ESOPHAGITIS: A REVIEW OF 501 DOSES IN 12 CHILDREN OVER 8 YEARS*
Jonathan Markowitz, MD, Ransome Eke, MD, Carrie Frost, MD, Greenville Children's Hospital, Greenville, SC, USA
- 10:36 **STATE OF THE ART LECTURE**
EOSINOPHILIC ESOPHAGITIS IN 2016
Glenn Furuta, MD, Children's Hospital Colorado, Aurora, CO, USA
Learning objectives:
1. Understand key aspects of determining clinical features and how they relate to measuring disease activity
2. Recognize controversies related to diagnosis and treatment of eosinophilic esophagitis
3. Become familiar with pathogenetic mechanisms and novel therapeutic targets
- NASPGHAN Foundation/AstraZeneca Research Award for Disorders of the Upper Gastrointestinal Tract**
- 11:01 *PEPSIN AND BACTERIA AS A TRIGGER FOR NEUTROPHIL TRANS-EPITHELIAL MIGRATION: A MECHANISM BEHIND REFLUX RELATED LUNG DISEASE*
Rachel Rosen, MD, Boston Children's Hospital, Boston, MA
- 11:13 427. *FECAL MICROBIOTA TRANSPLANTATION USING BANKED DONOR STOOL IS EFFECTIVE IN THE TREATMENT OF RECURRENT CLOSTRIDIUM DIFFICILE INFECTION IN CHILDREN*
Melissa Weidner¹, Suchitra Hourigan^{1,2}, Kelly Ling³, Kelsey O'Brien³, Maria Oliva-Hemker¹, ¹Johns Hopkins University, Baltimore, MD, USA, ²Pediatric Specialists of Virginia, Fairfax, VA, USA, ³OpenBiome, Medford, MA, USA
- 11:25 428. *MICROARRAY ANALYSIS ABOUT DEVELOPMENT OF NODULAR GASTRITIS WITH HELICOBACTER*
Tamaki Ikuse¹, Takahiro Kudo¹, Nobuyasu Arai¹, Itsuhiro Oka¹, Reiko Kyodo¹, Masamichi Sato¹, Eri Miyata¹, Kenji Hosoi¹, Naho Obayashi¹, Keisuke Jimbo¹, Yo Aoyagi¹, Tohru Fujii¹, Yoshikazu Ohtsuka¹, Shinichi Nijima², Toshiaki Shimizu¹, ¹Juntendo University Graduate School of Medicine, Bunkyo-ku, Tokyo, Japan, ²Juntendo University Nerima Hospital, Nerima-ku, Tokyo, Japan

This symposium is supported in part by an educational grant from Abbott Nutrition



CONCURRENT SESSION III cont'd

RESEARCH SESSION: NEUROGASTROENTEROLOGY AND MOTILITY

10:00 AM – 11:37 AM

512F

Moderators: Jaime Belkind-Gerson, MD and Samuel Nurko, MD

NEUROGASTROENTEROLOGY AND MOTILITY AWARD - CLINICAL SCIENCE

(Supported by a grant from LABORIE)

- 10:00 429. *SACRAL NERVE STIMULATION FOR TREATMENT OF CONSTIPATION IN CHILDREN: LONG-TERM OUTCOMES, PATIENT BENEFIT, AND PARENT SATISFACTION*
Peter L. Lu¹, Ilan J. Koppen², Danielle K. Orsagh-Yentis¹, Karen Leonhart¹, Erica J. Ambeba¹, Katherine J. Deans¹, Peter C. Minneci¹, Karen A. Diefenbach¹, Seth A. Alpert¹, Marc A. Benninga², Desale Yacob¹, Carlo Di Lorenzo¹, ¹Nationwide Children's Hospital, Columbus, OH, USA, ²Emma Children's Hospital/Academic Medical Centre, Amsterdam, Netherlands
- 10:12 430. *USE OF CALRETININ IMMUNOSTAINING IN THE EVALUATION OF CHILDREN WITH POSSIBLE HIRSCHSPRUNG DISEASE*
María I. Peinado Fabregat, Samuel Nurko, Rina Wu, Theonia Boyd, Alejandro Flores, Leonel Rodriguez, Rachel Rosen, Terry Buchmiller, Boston Children's Hospital, Boston, MA, USA
- 10:24 431. *RET RECEPTOR TYROSINE KINASE PLAYS A SEXUALLY DIMORPHIC ROLE IN THE REGULATION OF GASTROINTESTINAL MOTILITY AND IS EXPRESSED BY DISTINCT SUBSETS OF ENTERIC NEURONS IMPORTANT FOR PERISTALSIS*
Svetlana Sabel¹, Meenakshi Rao¹, Daniella Rastelli¹, John Russell², Sanjay Kumar², Michael D Gershon¹, ¹Columbia University, New York, NY, USA, ²GlaxoSmithKline Pharmaceuticals, King of Prussia, PA, USA
- 10:36 **STATE OF THE ART LECTURE**
MICROBIOTA IN MOTILITY DISORDERS/BRAIN GUT AXIS
Stephen Collins, MD, Farncombe Institute, Hamilton, ON, Canada
- Learning objectives:
1. Recognize the linkage between the intestinal microbiota in the brain
 2. Understand the impact of this linkage to the manifestations of functional gastrointestinal disorders
 3. Appreciate the potential role of the microbiota in the expression of severe motility disorders
- 11:01 432. *GUT MICROBIOTA-MEDIATED GENE X ENVIRONMENT INTERACTIONS IN THE TASHT MOUSE MODEL OF HIRSCHSPRUNG DISEASE*
Nicolas Pilon, Ouliana Souchkova, University of Quebec at Montreal, Montréal, QC, Canada
- 11:13 433. *THE ABILITY OF HIGH RESOLUTION ESOPHAGEAL MANOMETRY TO DISTINGUISH PRIMARY FROM SECONDARY RUMINATION EPISODES IN CHILDREN AND ADOLESCENTS*
Franziska Righini-Grunder, Ann Aspirot, Christophe Faure, CHU Sainte-Justine, Université de Montréal, Montréal, QC, Canada

NEUROGASTROENTEROLOGY AND MOTILITY AWARD - BASIC SCIENCE

(Supported by a grant from LABORIE)

- 11:25 434. *NEUROSTIMULATION WITH IBSTIM ATTENUATES AMYGDALA NEURONS AND PREVENTS POST-INFLAMMATORY VISCERAL AND SOMATIC HYPERALGESIA IN RATS*
Adrian Miranda, Reji Babygirija, Medical College of Wisconsin, Milwaukee, WI, USA



FRIDAY

POSTER SESSION I

Exhibit Hall

12:00 PM – 2:00 PM

Presenters at posters from 12:30 PM – 1:30 PM

**Poster of Distinction*

Poster	Abstract	APGNN
1	435	<i>CASE OF COMBINATION OF FRUCTOSE-1,6-BISPHOSPHATASE DEFICIENCY WITH COW'S MILK AND EGG WHITE ALLERGY</i> Burcu Kumru ¹ , Burcu Öztürk Hıpmi ² , Miray Karakoyun ² , ¹ Gaziantep Children's Hospital, Gaziantep, Turkey, ² Tepecik Education and Research Hospital, İzmir, Turkey
2	436	<i>RISK FACTORS FOR DIARRHEA, FOUND IN THE GROWTH AND DEVELOPMENT OF A HEALTH FACILITY IN VITORIA-PE MUNICIPALITY</i> Raphael Henrique Gomes da Costa, Vitória Carla Conceição Almeida, José Teles de Oliveira Neto, Mariana Boulitreau Siqueira Campos Barros, Recife, Pernambuco, Brazil, Vanessa Karla Santos de Souza, UFPE, Recife, Pernambuco, Brazil
3	437	<i>GASTROSTOMY TUBE LENGTH: DOES IT GROW WITH THE CHILD?</i> Rachel Leshem Namedar, Yael Adler, Batia Weiss, Edmond and Lily Safra Children's Hospital Tel Hashomer, Ramat gan, Israel
4	438	<i>COMPARISON OF THE WEIGHT Z-SCORE, PROTEIN AND CALORIE INTAKE BETWEEN SMALL AND APPROPRIATE FOR GESTATIONAL AGE PRETERM INFANTS DURING HOSPITAL STAYS</i> Xue-Mei He, Hai-Qing Sheng, Jia-Hui Cheng, Li-Hui Lei, Dang-Yang Liu, Ying Wang, Xiao-Dan Yu, Jian-Xing Zhu, Xinhua Hospital Affiliated to Shanghai Jiao Tong University School of Medicine, Shanghai, China
5	439	<i>THE ADVENTURES OF CAPTAIN IMMUNITY: A COMIC BOOK STORY THAT TEACHES ADOLESCENTS ABOUT THE STAGES OF HEPATITIS B</i> Jessica Serino-Cipoletta, Kristin Erekson, Brenden Whipple, Scott Elisofon, Maureen Jonas, Boston Children's Hospital, Boston, MA, USA
6	440	<i>THE IMPACT OF PEDIATRIC HOME PARENTERAL NUTRITION (HPN) SERVICE ON THE CLINICAL OUTCOME AND HEALTH CARE COSTS IN QATAR</i> Mahlah Daryae, Kamal Hassan, Rana Shawish, Elizabeth Thottumkal, Eman Hamid, Hatim Abelrahman, Fatma Al Medaihki, Khaled Abu Hasima, Wesam Al-Masri, Eman Ghazy, Hamad Medical Corporation, Doha, Qatar
7	441	<i>RISK FACTORS FOR DIARRHEA IN A PEDIATRIC ICU IN THE CITY OF VITORIA-PE</i> José Teles de Oliveira Neto, Vitória Carla Conceição Almeida, Raphael Henrique Gomes da Costa, Mariana Boulitreau Siqueira Campos Barros, Vanessa Karla Santos de Souza, Recife, Pernambuco, Brazil
8	442	<i>PREVALENCE AND MICROBIOLOGY OF CENTRAL LINE-ASSOCIATED BLOODSTREAM INFECTIONS AMONG CHILDREN WITH BILIARY ATRESIA LISTED FOR LIVER TRANSPLANTATION</i> Nicole D. Triggs ^{1,2} , Stacey Silver Beer ² , Ryan Himes ^{1,2} , Baylor College of Medicine, Houston, TX, USA, ² Texas Children's Hospital, Houston, Texas, USA
9	443	<i>NURSING CARE OF A CHILD WITH ACUTE GASTROENTERECOLITIS (GECA)</i> Vitória Carla Conceição Almeida, Raphael Henrique Gomes Da Costa, José Teles De Oliveira Neto, Mariana Boulitreau Siqueira Campos Barros, Recife, Pernambuco, Brazil
10	444	<i>FOCUSING ON THE FUTURE DURING SIGNIFICANT CHANGE: TUBING CONNECTION STANDARDIZATION IN THE PEDIATRIC HEALTH CARE SETTING</i> Sara Fidanza, Heidi McNeely, Robyn Jackins, Children's Hospital Colorado, Aurora, CO, USA



FRIDAY

Poster	Abstract	APGNN
11	445	<i>PRELIMINARY OUTCOMES OF A REGISTERED NURSE DRIVEN FECAL MICROBIOTA TRANSPLANTATION (FMT) PROCEDURE TO TREAT CLOSTRIDIUM DIFFICILE (C.DIFF) INFECTION IN PEDIATRICS</i> Amy Pyo-Twist, David Brumbaugh, Sara J. Fidanza, Charlotte Montero, Susan Dolan, Shannon Hughes, Samuel R. Dominguez, Edwin F. de Zoeten, Children's Hospital Colorado, Aurora, CO, USA
12	446	<i>STORMFALL: A DIFFERENT ANGLE TO MULTIDISCIPLINARY COLLABORATION IN MANAGEMENT OF COMPLEX IBD PATIENT</i> Bethany Bullard, Lisa Feinberg, Jenna Lepole, Heloisa Caputo, Katherine Lamparyk, Anthony Anani, Dorothea Markarkis MD, Cleveland Clinic Childrens, Cleveland, OH, USA
13	447	CONSTIPATION IN A 5-YEAR-OLD: CAN IT BE HIRSCHSPRUNG DISEASE? Kristin Madden, Lina Castillo, Mark Kusek, Shahab Abdessalam, Children's Hospital, Omaha, NE, USA
14	448	<i>ASSESSMENT OF NURSE-DRIVEN EDUCATION PROGRAM FOR NURSING STAFF IN THE DIGESTIVE HEALTH INSTITUTE AT CHILDREN'S HOSPITAL COLORADO</i> Charlotte Montero, Sara Fidanza, Laurel More, Children's Hospital Colorado, Aurora, CO, USA
15	449	A COMPARISON OF SCHOOL /EXTRACURRICULAR ATTENDANCE IN CHILDREN WITH FUNCTIONAL ABDOMINAL PAIN (FAP) AND INFLAMMATORY BOWEL DISEASE (IBD) Rosemary Pauley-Hunter, Diane Kocovsky, Kara Wolff, Jon Vanderhoof, Boys Town National Research Hospital, Boys Town, NE, USA
16	450	<i>IBDECIDING: DEVELOPMENT, IMPLEMENTATION AND EVALUATION OF A NEW SHARED DECISION-MAKING APP FOR ADOLESCENTS</i> Alicia Smith, Sara Fidanza, Michelle Timmins, Edward Hoffenberg, Deborah Neigut, Edwin de Zoeten, Children's Hospital Colorado, Aurora, CO, USA
17	451	<i>SUCCESSFUL THALIDOMIDE THERAPY FOR ATYPICAL CROHN'S DISEASE</i> Lindsay Wilson ¹ , Grace Felix ² , ¹ Johns Hopkins Hospital, Baltimore, MD, USA, ² Johns Hopkins University School of Medicine, Baltimore, MD, USA
18	452	<i>BODY MASS INDEX QUALITY IMPROVEMENT PROJECT</i> Carol Potter, Anita C. Fouch, Brendan Boyle, Nationwide Children's Hospital, Columbus, OH, USA
19	453	<i>USEFULNESS OF A PEDIATRIC INFALMMATORY BOWEL DISEASE DATABASE FOR NURSE FOLLOW-UP OF A BIG COHORT</i> France Gervais, Martine Pomerleau, Helene Restieri, Prevost Jantchou, CHU Sainte-Justine, Montreal, QC, Canada
20	454	<i>QUALITY IMPROVEMENT INITIATIVE: THE ADMINISTRATION OF EARLY NUTRITION FOLLOWING PERCUTANEOUS ENDOSCOPIC GASTROSTOMY TUBE PLACEMENT IN CHILDREN</i> Katie Mills ¹ , Michael Wilsey ² , Sara Karjoo ² , Daniel McClenathan ² , Jan Odiaga ¹ , ¹ Rush University, Chicago, IL, USA, ² Johns Hopkins All Childrens Hospital, St Petersburg, FL, USA
21	455	<i>TOTAL BODY SODIUM DEPLETION AS AN ETIOLOGY OF GROWTH FAILURE IN AN INFANT WITH INTES-TINAL FAILURE WITHOUT A DIVERTING ENTEROSTOMY</i> Danielle Stamm, Christopher Duggan, Boston Children's Hospital, Boston, MA, USA
22	456	<i>PARENTERAL NUTRITION IN NEONATES: INDICATION AND EVOLUTION IN MARKERS OF LIVER FUNCTION DURING 2014 AT THE NATIONAL INSTITUTE OF PEDIATRICS</i> A. Pinzón-Navarro, J. Gris-Calvo, E. Montijo-Barrios, M. Bautista-Silva, J. Ramirez-Mayans, R. Cervantes-Bustamante, Mexico City, Mexico
		CELIAC AND OTHER LUMINAL DISORDERS
23	457	<i>CELIAC DISEASE PRESENTING AS INTUSSUSCEPTION FROM GIARDIA LAMBLIA</i> Adam Paul, Children's Hospital at Lehigh Valley Health Network, Allentown, PA, USA



FRIDAY

Poster	Abstract	CELIAC AND OTHER LUMINAL DISORDERS
24	458	<i>A RARE CASE OF PYLORIC GLAND METAPLASIA IN THE COLON OF A PEDIATRIC PATIENT WITH MIXED CONNECTIVE TISSUE DISORDER</i> Linda Wang, Ali Khalili, Shahrazad Saab, Thomas J. Sferra, Jonathan Moses, Pediatric Gastroenterology, Hepatology & Nutrition, UH Rainbow Babies & Children's Hospital, Cleveland, OH, USA
25	459	<i>A CASE OF CHOLECYSTOENTERIC FISTULA SECONDARY TO DUODENAL ULCER IN A CHILD</i> Allison Ta ¹ , Otto Louis-Jacques ² , Muhammad Khan ² , Suchitra Hourigan ² , ¹ Inova Fairfax Children's Hospital, Falls Church, VA, USA, ² Pediatric Specialists of Virginia, Digestive and Liver Disorders Division, Fairfax, VA, USA
26	460	<i>SPONTANEOUS GASTRIC PERFORATION IN TWO ADOLESCENTS</i> Amaka Akalonu, Zarela Molle Rios, MonaYasrebi, Nemours/A.I.DuPont Hospital for Children, Wilmington, DE, USA
27	461	<i>CONSTITUTIONAL MISMATCH REPAIR DEFICIENCY IN A 14-YEAR-OLD FEMALE DIAGNOSED WITH INVASIVE ADENOCARCINOMA</i> Amber Hildreth ^{1,2} , Mark A. Valasek ¹ , Irene Thung ¹ , Thomas Savides ¹ , Mamata Sivagnanam ^{1,2} , Sonia Ramamamorthy ¹ , Sherry Huang ^{1,2} , ¹ University of California - San Diego, San Diego, CA, USA, ² Rady Children's Hospital, San Diego, CA, USA
28	462	<i>COLORECTAL CANCER IN A PEDIATRIC PATIENT WITH HEMATOCHESIA</i> Annette Vannilam, Ismaeel Hashemi, Jordan Whatley, Emily Nagel, Helen DeVos Children's Hospital, Grand Rapids, MI, USA
29	463	<i>MODIFICATIONS IN SPLEEN SIZE IN CHILDREN WITH CELIAC DISEASE</i> Beata Acs ^{1,2} , Alina Popp ^{1,2} , Vasile Balaban ¹ , Mariana Jinga ¹ , Catalina Bardas ² , ¹ "Carol Davila" University of Medicine and Pharmacy, Bucharest, Bucharest, Romania, ² "Alessandrescu-Rusescu" Institute for Mother and Child Health, Bucharest, Bucharest, Romania
30	464	<i>SEVERE CASE OF ANEMIA WITH DIARRHEA IN AN IMMIGRANT CHILD</i> David Freestone ¹ , Ojasvini Chaudhry ¹ , Nina Zook ² , Mollie Walton ² , Fernando Zapata ¹ , ¹ University of Nebraska School of Medicine, Omaha, NE, USA, ² Creighton University School of Medicine, Omaha, Nebraska, USA
31	465	<i>A CASE OF HEPATIC PORTAL VENOUS GAS IN A PATIENT WITH HYPERTROPHIC PYLORIC STENOSIS</i> Denease Francis, Sherin Daniel, Michelle Tobin, Richard Scriven, Anupama Chawla, Stony Brook Children's Hospital, Stony Brook, NY, USA
32	466	<i>MECKEL'S DIVERTICULUM: A GUT FEELING</i> Diana Montoya Melo, Huyen Nguyen, Koorosh Kooros, University of Texas Southwestern, Dallas, TX, USA
33	467	<i>GASTRIC PERFORATION AND GASTRIC EOSINOPHILIA</i> Shauna Schroeder ¹ , Glenn Furuta ² , Gregg Kobak ² , Calies Menard-Katcher ² , Robert E. Kramer ² , ¹ Phoenix Children's Hospital, Phoenix, AZ, USA, ² University of Colorado School of Medicine, Digestive Health Institute, Children's Hospital Colorado, Aurora, CO, USA
34	468	<i>MIDGUT MALROTATION SYMPTOMS MAY BE CHRONIC RECURRENT IN THE OLDER CHILD</i> Harohalli Shashidhar, Harohalli Shashidhar, Elizabeth Soukup, Carole Rudman, Mark Integlia, John Januario, Elliot Health Systems, Manchester, NH, USA
35	469	<i>TRICHO-HEPATO-ENTERIC SYNDROME</i> Inaki Irastorza ¹ , Estella De La Calle ¹ , Rocío Barrena ¹ , María Legarda ¹ , Carlos Tutau ¹ , Pere Soler ² , Mónica Martínez-Gallo ² , ¹ Hospital Universitario Cruces. Upv/Ehu, Barakaldo, Spain, ² Hospital Universitari Vall D'Hebron, Barcelona, Spain
36	470	<i>WEED: THE CAUSE OF VOMITING</i> Allen Dsouza, Ali Sanati-Mehrziy, Iona M. Monteiro, Rutgers New Jersey Medical School, Newark, NJ, USA



FRIDAY

Poster	Abstract	CELIAC AND OTHER LUMINAL DISORDERS
37	471	<i>MASSIVE GASTROINTESTINAL HEMORRHAGE FROM EROSION OF CUSHING'S ULCER IN A CHILD WITH POSTERIOR FOSSA TUMOR</i> Jennifer Lee Damman, Rachel Bensen, Lucile Packard Children's Hospital Stanford, Palo Alto, CA, USA
38	472	<i>ASSESSMENT OF COMMUNITY PEDIATRICIAN'S APPROACH TO A CHILD WITH CELIAC DISEASE</i> Leina Alrabadi, Anthony Porto, Yale University - Pediatric Gastroenterology, New Haven, CT, USA
39	473	<i>ESCHERICHIA COLI 0157:H7 INFECTION ASSOCIATED WITH PERFORATED APPENDICITIS</i> Mariana Middelhof, Katherine Ebsworth-Mojica, Prita Mohanty, University of Rochester Medical Center, Golisano Children's Hospital, Rochester, NY, USA
40	474	<i>THE FIRST REPORTED PEDIATRIC CASE OF KILLIAN-JAMIESON DIVERTICULUM</i> Maryam Shambayati, Jeremy Johnson, Sandeep Prabhu, Cameron Mantor, Issam Halabi, University of Oklahoma Health Sciences Center, Oklahoma City, OK, USA
41	475	<i>CELIAC DISEASE NOT ALWAYS SO STRAIGHTFORWARD: LESSON FROM A KID</i> Naïre Sansotta, Stefano Guandalini, University of Chicago, Celiac Disease Center, Chicago, IL, USA
42	476	<i>A NOVEL MTTP GENE MUTATION IN AN INFANT WITH ABETALIPOPROTEINEMIA PRESENTED WITH CHRONIC VOMITING</i> Pornthep Tanpowpong, Noparat Prachasitthisak, Thipwimol Tim-aroon, Chatmanee Lertudomphonwanit, Suporn Treepongkaruna, Naline Chongviriyaphan, Lulin Choubtum, Duangrudee Wattanasirichaigoon, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Bangkok, Thailand
43	477	<i>CONCURRENT COLLAGENOUS COLITIS AND GASTRITIS IN A 2-YEAR-OLD CHILD: CASE STUDY AND REVIEW OF THE LITERATURE</i> Rasha Adel Elmaoued, Kalyan Ray Parashette, Maria Heubeck, University of New Mexico School of Medicine, Division of Pediatric Gastroenterology, Hepatology and Nutrition, Albuquerque, New Mexico, USA
44	478	<i>SENNA OVERDOSE CAUSING METABOLIC ACIDOSIS AND SEVERE DEHYDRATION</i> Ruben J. Colman, Analydia Gutierrez, Luis Rivera, Maria Ramirez, Paulo Pina, St. Barnabas Hospital, Bronx, NY, USA
45	479	<i>BURKITT'S LYMPHOMA PRESENTING AS A GASTRIC ULCER AND PANCREATITIS</i> Scott M. Bolton, Lee M. Bass, Ann & Robert H. Lurie Children's Hospital of Chicago, Chicago, IL, USA
46	480	<i>A RARE CASE OF NEONATAL DIARRHEA: INFANTILE HYALINE FIBROMATOSIS</i> Steven Fusillo, Judith Kelsen, Elaine Zackai, Kathleen Sullivan, Children's Hospital of Philadelphia, Philadelphia, PA, USA
47	481	<i>METASTATIC GASTRIC ADENOCARCINOMA PRESENTING AS SYNCOPE AND DYSPHAGIA IN AN ADOLESCENT FEMALE</i> Trevor J. Laborda, Julie Len, Peter Gilbreath, University of Texas at Austin Dell Medical School, Austin, TX, USA
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160	597	<i>SURVEY OF SERUM HEPATITIS B VIRUS DNA, GENOTYPES, SURFACE ANTIGEN MUTANTS AND REVERSE TRANSCRIPTASE MUTANTS IN IMMUNIZED SUBJECTS 25 YEARS AFTER UNIVERSAL INFANT IMMUNIZATION IN TAIWAN</i> Hong-Yuan Hsu ¹ , Mei-Hwei Chang ¹ , Yen-Hsuan Ni ¹ , Cheng-Lun Chiang ¹ , Jia-Feng Wu ¹ , Huey-Ling Chen ¹ , Pei-Jer Chen ² , Ding-Shinn Chen ² , ¹ National Taiwan University Hospital, Taipei, Taiwan, ² Graduate Institute of Clinical Medicine, ² College of Medicine, National Taiwan University, Taipei, Taiwan
161	598	<i>BASELINE QUANTITATIVE LEVELS OF HEPATITIS B CORE ANTIBODY IN CHILDREN PREDICTS SPONTANEOUS HBEAG SEROCONVERSION DURING FOLLOW-UP</i> Ho-Sheng Chen ¹ , Mei-Hwei Chang ² , Jia-Feng Wu ² , Huey-Ling Chen ² , Yen-Hsuan Ni ² , Hong-Yuan Hsu ² , ¹ National Taiwan University Hospital Hsin-Chu Branch, Hsin-Chu, Taiwan, ² National Taiwan University Hospital, National Taiwan University, Taipei, Taiwan
162	*599	<i>SIMULTANEOUS DETECTION OF MUTATIONS IN CHOLESTASIS GENES AND NOVEL PATHWAY RELATED GENES USING TARGET-ENRICHMENT NEXT GENERATION SEQUENCING</i> Yen-Hsuan Ni, National Taiwan University College of Medicine and Hospital, Taipei, Taiwan
163	*600	<i>EFFICACY AND SAFETY OF SOFOSBUVIR IN HEPATITIS C INFECTION IN CHILDREN</i> Huma Arshad Cheema, Almas Hashmi, The Children's Hospital & Institute of Child Health, Lahore, Pakistan
164	601	<i>ANTIVIRAL EFFICACY OF TENOFOVIR MONOTHERAPY COMPARED WITH LAMIVUDINE MONOTHERAPY IN CHILDREN WITH NUCLEOS(T)IDE-NAÏVE CHRONIC HEPATITIS B</i> Jae Young Choe, Byung-Ho Choe, Jung Eun Kim, Kyungpook National University School of Medicine, Hoguk-ro, Buk-gu, Daegu, South Korea



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166	603	<i>FREQUENCY AND RISK FACTORS FOR VARICEAL HEMORRHAGE IN CF FOUNDATION REGISTRY PATIENTS WITH CYSTIC FIBROSIS CIRRHOSIS</i> Wen Ye¹, Jean Molleston², Michael Narkewicz³, Daniel Leung⁴, Wikrom Karnsakul⁵, Karen Murray⁶, Estella Alonso⁷, John Magee¹, Sara Jane Schwarzenberg⁸, Alex Weymann⁹, ¹University of Michigan, Ann Arbor, MI, USA, ²Indiana University School of Medicine, Indianapolis, IN, USA, ³Children's Hospital Colorado, Aurora, CO, USA, ⁴Texas Children's Hospital, Houston, TX, USA, ⁵Johns Hopkins School of Medicine, Baltimore, MD, USA, ⁶Seattle Children's Hospital, Seattle, WA, USA, ⁷Ann & Robert H. Lurie Children's Hospital of Chicago, Chicago, IL, USA, ⁸University of Minnesota Amplatz Children's Hospital, Minneapolis, MN, USA, ⁹Washington University School of Medicine, St. Louis, MO, USA
167	604	<i>HBEAG(+) IMMUNE TOLERANT PHENOTYPE IS RARE AMONG CHILDREN IN THE LARGEST NORTH AMERICAN COHORT WITH CHRONIC HEPATITIS B VIRAL INFECTION</i> Jeffrey Teckman¹, Manuel Lombardero², Adrian Di Bisceglie¹, Kathleen Schwarz³, Karen Murray⁴, Philip Rosenthal⁵, Simon Ling⁶, Yona Keich Cloonan², Norberto Rodriguez-Baez⁷, Sarah Schwarzenberg⁸, St. Louis University, Saint Louis, MO, USA, ²University of Pittsburgh, Pittsburgh, PA, USA, ³Johns Hopkins Hospital, Baltimore, MD, USA, ⁴Seattle Children's Hospital, Seattle, WA, USA, ⁵University of California, San Diego, CA, USA, ⁶The Hospital for Sick Children, Toronto, ON, Canada, ⁷Children's Medical Center of Dallas, Dallas, TX, USA, ⁸University Of Minnesota Masonic Children's Hospital, Minneapolis, MN, USA
168	605	<i>THE IMPACT OF microRNA DYSREGULATION IN LIVER CARCINOGENESIS IV FROM LIVER STEM/PROGENITOR CELLS TO CANCER STEM CELLS IN HUMAN</i> Jia-Feng Wu, Huey-Ling Chen, Yen-Hsuan Ni, Hong-Yuan Hsu, Po-Huang Lee, Mei-Hwei Chang, National Taiwan University Hospital, Taipei City, Taiwan
169	606	<i>ABERRANT TH1 IMMUNE RESPONSES ACCELERATE LIVER FIBROSIS OF BILIARY ATRESIA THROUGH THE IFN-γ/STAT1 PATHWAY</i> Jie Wen, Wei Cai, Xin Hua Hospital, School of Medicine, Shanghai Jiao Tong University, Shanghai, Shanghai, China
170	607	<i>CHARACTERISTICS AND OUTCOME OF DENGUE FEVER ASSOCIATED LIVER FAILURE IN CHILDREN: A CASE SERIES</i> Joanne Tan Mui Ching, Natalie Tan Woon Hui, Christina Ong, KK Women and Children's Hospital, Singapore, Singapore
171	608	<i>EFFECT OF SEBELIPASE ALFA ON SURVIVAL AND LIVER FUNCTION IN INFANTS WITH RAPIDLY PROGRESSIVE LYSOSOMAL ACID LIPASE DEFICIENCY: 2-YEAR FOLLOW-UP DATA</i> Simon A. Jones¹, Anais Brassier², Joanne Hughes³, Dominique Plantaz⁴, Roshni Vara⁵, Catherine Breen¹, J. Jay Gargus⁵, Sachin Marulkar⁶, Mark Friedman⁶, Vassili Valayannopoulos², ¹Manchester Centre for Genomic Medicine, Central Manchester Foundation Trust, University of Manchester, Manchester, UK, ²Hôpital Necker-Enfants Malades and IMAGINE Institute, Paris, France, ³The Children's University Hospital, Dublin, Ireland, ⁴Hôpital Couple Enfant CHU Grenoble, Grenoble, France, ⁵Evelina Children's Hospital, London, UK, ⁶University of California, Irvine, CA, USA, ⁶Alexion Pharmaceuticals, Inc., New Haven, CT, USA
172	609	<i>ANTIVIRAL EFFICACY OF TENOFOVIR MONOTHERAPY COMPARED WITH TENOFOVIR PLUS LAMIVUDINE COMBINATION THERAPY IN CHILDREN WITH NUCLEOS(T)IDE-RESISTANT CHRONIC HEPATITIS B</i> Jung Eun Kim, Byung-Ho Choe, Jae Young Choe, Kyungpook National University School of Medicine, Republic of Korea, 807, Hoguk-ro, Buk-gu, Daegu, South Korea



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174	611	<i>IMPACT OF THE ASSOCIATION OF COELIAC DISEASE IN CHILDREN WITH AUTOIMMUNE HEPATITIS</i> Laura Villafane, Gustavo Boldrini, Marina Orsi, Marie Catherine Saez, Daniel D'Agostino, Hospital Italiano, Buenos Aires, Argentina
175	612	<i>THE CHRONIC REGULATION OF LEPTIN METHYLATION BY MELATONIN IN PROGRAMMING LIVER STEATOSIS</i> Mao-Meng Tiao¹, I-fei Huang², Hsiang-Hung Shih³, Yao-Jong Yang⁴, Ying-Hsien Huang¹ ¹Kaohsiung Chang Gung Memorial Hospital and Chang Gung University College of Medicine, Kaohsiung, Taiwan, ²Kaohsiung Veterans General Hospital, Kaohsiung, Taiwan, ³Kaohsiung Medical University, Kaohsiung, Taiwan, ⁴National Cheng Kung University Hospital, Tainan, Taiwan
176	613	<i>TRANSIENT ELASTOGRAPHY AND DIFFUSION-WEIGHTED MAGNETIC RESONANCE IMAGING IN COMPARISON TO LIVER BIOPSY FOR ASSESSMENT OF LIVER FIBROSIS FOR CHILDREN WITH CHRONIC LIVER DISEASE</i> Mohamed A. El-Guindi, Mostafa M. Sira, Alif A. Allam, Ahmed A. Abdel-Razek, Gihan A. Sobhy, Menan E. Salem, Ahmed M. AbdAllah, National Liver Institute, Menoufiya University, Shebin El-Kom, Menoufiya, Egypt
177	614	<i>INSULIN RESISTANCE IN CHILDREN WITH CHRONIC HEPATITIS C AND ITS ASSOCIATION WITH RESPONSE TO TREATMENT</i> Nafiye Urganci, Derya Kaly, Seda, Sisli Etfal Training and Research Hospital, Istanbul, Turkey
178	*615	<i>ASSESSMENT OF THE UTILITY OF DIFFERENT SCREENING STRATEGIES FOR NAFLD IN OBESE CHILDREN AND ADOLESCENTS: REAL-LIFE DATA FROM A WEIGHT MANAGEMENT PROGRAM</i> Ghassan Mubarak, Naim Alkhouri, Bashar Mohamad, Nawal Merjane, Mohammad Nasser Kabbany, Praveen Kumar Conjeevaram Selvakumar, Rocio Lopez, Cleveland Clinic, Cleveland, OH, USA
179	616	<i>SERUM ZINC DISCRIMINATE INDETERMINATE : ACUTE LIVER FAILURE FROM WILSON'S DISEASE : ACUTE LIVER FAILURE</i> Palittiya Sintusek¹, Anil Dhawan², ¹Faculty of Medicine, Chulalongkorn University, London, UK, ²Paediatric Liver, GI and Nutrition Centre, London, UK
180	*617	<i>ALPHA 1-ANTITRYPSIN LEVELS CAN DIFFERENTIATE ALLELIC PHENOTYPES IN CHILDREN</i> Eshan M. Samuel¹, Zarela Molle-Rios², Kimberlee Bernstein², Stavra A. Xanthakos², ¹CAMC Women and Children's, Charleston, WV, USA, ²Cincinnati Children's Medical Center, Cincinnati, OH, USA
181	618	<i>GENETIC DELETION OF CXCL10 IS PROTECTIVE AGAINST DIET-INDUCED NON-ALCOHOLIC STEATO-HEPATITIS IN MICE.</i> Samar Ibrahim, Brittany Freeman, Petra Hirsova, Kyoko Tomita, Mayo Clinic, Rochester, MN, USA
182	619	<i>LIVER SPACE: LEVERAGING FACEBOOK TO ENHANCE COMMUNITY, ENGAGEMENT AND PATIENT-CENTERED RESEARCH</i> Sina Ogholikhan, Douglas Mogul, Celicia Williams, The Johns Hopkins University, Baltimore, MD, USA
183	*620	<i>FONTAN ASSOCIATED PEDIATRIC LIVER DISEASE: NON-INVASIVE EVALUATION WITH ACOUSTIC RADIATION FORCE IMPULSE (ARFI) ELASTOGRAPHY</i> Sylvia Ofei¹, Karen Texter¹, Cheryl Gariepy¹, Sally Smith¹, Ali Zaidi², ²Christina Phelps¹, ¹Nationwide Children's Hospital, Columbus, OH, USA, ²Montefiore Medical Center/Albert Einstein College of Medicine, Bronx, NY, USA



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185	622	<i>ZINC MONOTHERAPY IN YOUNG CHILDREN WITH ASYMPTOMATIC WILSON'S DISEASE: MULTICENTER STUDY IN JAPAN</i> Tatsuki Mizuochi ¹ , Keisuke Eda ¹ , Yugo Takaki ¹ , Itaru Iwama ² , Mariko Araki ³ , Ayano Inui ⁴ , Shinya Hara ⁵ , Hideki Kumagai ⁶ , Shin-ichiro Hagiwara ⁷ , Kei Murayama ⁸ , Jun Murakami ⁹ , Hiroko Kodama ¹⁰ , 1Kurume University School of Medicine, Kurume, Japan, 2Okinawa Chubu Hospital, Uruma, Japan, 3Kochi Medical School, Kochi University, Nankoku, Japan, 4Saiseikai Yokohamashi Tobu Hospital, Yokohama, Japan, 5Toyota Memorial Hospital, Toyota, Japan, 6Jichi Medical University, Shimotsuke, Japan, 7Saitama Children's Medical Center, Saitama City, Japan, 8Chiba Children's Hospital, Chiba, Japan, 9Faculty of Medicine, Tottori University, Yonago, Japan, 10Teikyo University School of Medicine, Tokyo, Japan
186	623	<i>IMPLEMENTATION OF A NEW PROTOCOL TO PREVENT MOTHER-TO-CHILD TRANSMISSION OF HEPATITIS B VIRUS INFECTION IN JAPAN</i> Tokio Sugiura, Shota Kawasaki, Takeshi Endo, Koichi Ito, Takenori Kato, Shinji Saitoh, Graduate School of Medical Sciences, Nagoya City University, Nagoya, Aichi, Japan
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188	625	<i>CEREBROTENDINOUS XANTHOMATOSIS-A RARE DISEASE WHICH IS EASILY MISDIAGNOSED AS BILIARY ATRESIA IN INFANCY: CASE REPORT AND REVIEW OF LITERATURE</i> Lu Yi, Xue-Yuan Zhang, Center for Pediatric Liver Diseases, Children's Hospital of Fudan University, Shanghai, Shanghai, China
189	626	<i>THE PHOSPHODIESTERASE-5 INHIBITOR SILDENAFIL POTENTIATES THE CYTOSTATIC EFFECT OF DOXORUBICIN IN PEDIATRIC EPITHELIAL LIVER TUMOR CELLS</i> Yannick Michael Schmidt, Evi Schmid, Matias Julian Stagno, Jörg Fuchs, Steven Warmann, Tuebingen, Baden-Württemberg, Germany
190	627	<i>FUNCTIONAL CHANGE OF NATURAL KILLER CELLS COCULTURED WITH HEPATITIS C VIRUS INFECTED HUH7.5 CELLS IN VITRO</i> Hu Yao, Yu Hui, The Children's Hospital, Fudan University, Shanghai, Shanghai, China
191	628	<i>ALTERED LEVELS OF FIBROBLAST GROWTH FACTOR 19 ARE ASSOCIATED WITH LIVER DISEASE IN PEDIATRIC CHRONIC INTESTINAL PSEUDO-OBSTRUCTION PATIENTS</i> Yongtao Xiao, Wei Cai, Xin Hua Hospital Affiliated to Shanghai Jiao Tong University School of Medicine, Shanghai, Shanghai, China
192	629	<i>SERUM BIOMARKER LEVELS IN WEST VIRGINIAN OBESE CHILDREN</i> Yoram Elitsur, Andrew Feyh, Lucas Bracero, Tariq Latif, Alexandra Nichols, Krithika Srikanthan, Deborah Preston, Komal Sodhi, Marshall University, Huntington, WV, USA
193	*630	<i>COMMON VARIANTS IN THE AUTOPHAGY RELATED GENE IRGM CONFER SUSCEPTIBILITY TO NON-ALCOHOLIC FATTY LIVER DISEASE IN OBESE CHILDREN AND ADOLESCENTS</i> Yu-Cheng Lin, Yen-Hsuan Ni, Pi-Feng Chang, Far Eastern Memorial Hospital, New Taipei City, Taiwan
194	631	<i>INCREASED LIVER STIFFNESS MEASURED BY TRANSIENT ELASTOGRAPHY CORRELATES WITH CENTRAL VENOUS PRESSURE AND TIME SINCE SURGERY IN PATIENTS AFTER FONTAN OPERATION</i> Yuki Cho ¹ , Daisuke Tokuhara ¹ , Yuki Kawasaki ² , Eiji Ehara ² , Yosuke Murakami ² , Haruo Shintaku ² , 1Osaka City University Graduate School of Medicine, Osaka, Japan, 2Osaka City General Hospital, Osaka, Japan



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198	635	<i>HEPATOCELLULAR CARCINOMA IN A YOUNG MAN WITH CROHN'S DISEASE ON INFLIXIMAB AND METHOTREXATE</i> Barry Hirsch¹, Anastasios Angelides¹, Angela Shih², Stephen O'Connor¹, ¹Baystate Medical Center, Springfield, MA, USA, ²Massachusetts General Hospital, Boston, MA, USA
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202	639	<i>VERY EARLY ONSET AND SEVERE MANIFESTATIONS OF COW'S MILK PROTEIN ALLERGY IN THREE TERM BABIES: IN UTERO SENSITIZATION?</i> Sima Saleh, Bertrand Leduc, Natalie Patey, Dorothée Dal Soglio, Colette Deslandres, CHU Sainte Justine, Montreal, QC, Canada
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216	653	<i>ALOPECIA IN AN ADOLESCENT GIRL WITH CROHN'S DISEASE</i> Senthilkumar Sankararaman, Atiye Nur Aktay, Margaret Bobonich, University Hospital Rainbow Babies & Children's Hospital and Case Western Reserve University School of Medicine, Cleveland, OH, USA
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287	724	<i>STRATEGIES FOR MEDICAL MANAGEMENT OF PEDIATRIC EOSINOPHILIC ESOPHAGITIS: A SYSTEMATIC REVIEW OF RANDOMIZED CONTROLLED TRIALS</i> Ajay Sharma ¹ , Nehal Chawla ² , Mangesh Deshmukh ³ , Sanjay Patole ⁴ , ¹ Perth Paediatrics, Perth, Western Australia, Australia, ² SJOG Midland Hospital, Perth, Western Australia, Australia, ³ Fiona Stanley Hospital, Perth, Western Australia, Australia, ⁴ King Edward Memorial Hospital, Perth, Western Australia, Australia



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289	726	<i>RISK FACTORS ASSOCIATED WITH THE NEED FOR INPATIENT TREATMENT OF CHRONIC CONSTIPATION WITH FECAL IMPACTION IN CHILDREN</i> Amrita Sinha, Maroun Mhanna, Reema Gulati, MetroHealth Medical Center, Cleveland, OH, USA
290	727	<i>MEDIUM-TERM FOLLOW-UP OF ADOLESCENTS TREATED FOR RUMINATION SYNDROME IN AN INPATIENT SETTING</i> Anthony Alioto, Desalegn Yacob, Karla Vaz, Mary Montgomery, Carlo Di Lorenzo, Nationwide Children's Hospital, Columbus, OH, USA
291	728	<i>A POPULATION-BASED STUDY ON THE EPIDEMIOLOGY OF FUNCTIONAL GASTROINTESTINAL DISORDERS IN YOUNG CHILDREN</i> Ashish Chogle ¹ , Miguel Saps ² , Carlo A. Velasco-Benitez ³ , Jairo E. Moreno ⁴ , Carmen R. Ramírez Hernández ⁵ , ¹ Children's Hospital of Orange County, Orange, CA, USA, ² Nationwide Children's Hospital, Columbus, OH, USA, ³ Universidad del Valle, Cali, Colombia, ⁴ Clinica Reina Sofía, Bogotá, Colombia, ⁵ Hospital Regional María Inmaculada, Florencia, Colombia
292	729	<i>AN ANALYSIS OF THE ASSOCIATION BETWEEN RESPIRATION SYMPTOMS AND GASTROESOPHAGEAL REFLUX IN LOW-BIRTH-WEIGHT INFANTS BY USING MULTICHANNEL INTRALUMINAL IMPEDANCE pH MONITORING</i> Atsuko Tsuchiya ¹ , Takashi Ishige ² , ¹ National Hospital Organization Shimoshizu Hospital, Yotsukaidou-shi, Chiba, Japan, ² Gunma University Graduate School of Medicine, Maebashi-shi, Gunma, Japan
293	*730	<i>THE NR2F1 TRANSCRIPTION FACTOR PLAYS A KEY ROLE IN ENTERIC GLIOGENESIS</i> Baptiste Charrier ¹ , Nicolas Pilon ² , Karl-F Bergeron ² , Tatiana Cardinal ² , ¹ University of Montreal, Montreal, QC, Canada, ² University of Quebec at Montreal, Montreal, QC, Canada
294	731	<i>MULTIDISCIPLINARY APPROACH IN CHILDREN AND ADOLESCENTS WITH FUNCTIONAL ABDOMINAL PAIN (FAP) OR IRRITABLE BOWEL SYNDROME (IBS) RESULTS IN IMPROVEMENT OF PAIN FUNCTIONING</i> Beate Beinvoogl, Julie Snyder, Fiona Paul, Neil Schechter, Yoshiko Okazaki, Amelia Sparrow, Elizabeth Burch, Samuel Nurko, Boston Children's Hospital, Boston, MA, USA
295	732	<i>BOWEL MOVEMENT FREQUENCY AND STOOL FORM IN CHILDREN WITH IRRITABLE BOWEL SYNDROME AS COMPARED WITH HEALTHY CHILDREN</i> Erica M. Weidler, Bruno P. Chumpitazi, Mariella M. Self, Danita I. Czyzewski, Robert J. Shulman, Baylor College of Medicine, Houston, TX, USA
296	733	<i>IRRITABLE BOWEL SYNDROME SUBTYPES IN SCHOOLCHILDREN AND POSSIBLE ASSOCIATIONS</i> Carlos Velasco ¹ , Carmen Rosy Ramirez ² , Jairo Enrique Moreno ³ , ¹ Universidad del Valle, Cali, Valle, Colombia, ² Sociedad Colombiana de Pediatría, Florencia, Caqueta, Colombia, ³ Clinica Colsanitas, Bogotá, DC, Colombia
297	734	<i>INTESTINAL TRANSIT IN ECUADORIAN CHILDREN UNDER 5 YEARS OF AGE ACCORDING TO THE BRISTOL SCALE</i> Carlos Velasco ¹ , Edgar Jativa ² , Alejandra Mideros ¹ , ¹ Universidad del Valle, Cali, Valle, Colombia, ² Universidad Central del Ecuador, Quito, Ecuador
298	735	<i>FOLLOW-UP OF NAUSEAS IN COLOMBIAN SCHOOL CHILDREN AND ADOLESCENTS WITH FUNCTIONAL GASTROINTESTINAL DISORDERS IN CALI, COLOMBIA</i> Carlos Velasco, Claudia Ortiz, Alejandra Mideros, Universidad del Valle, Cali, Valle, Colombia



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300	737	<i>CLINICAL PROFILE OF CONSTIPATED PEDIATRIC PATIENTS WITH DOLICHOCOLON</i> Caroline Anne A. Castro, Rebecca Abiog-Castro, University of Santo Tomas Hospital, Manila, National Capital Region, Philippines
301	738	<i>FIRST MULTICITY STUDY ON THE PREVALENCE OF FUNCTIONAL CONSTIPATION IN LATIN AMERICAN CHILDREN 2-4 YEARS OF AGE</i> Danielle Orsagh-Yentis ¹ , Miguel Saps ¹ , Carlos A. Velasco-Benitez ² , Ilan J.N. Koppen ³ , Carlo Di Lorenzo ¹ , ¹ Nationwide Children's Hospital, Columbus, OH, USA, ² Universidad del Valle, Cali, Colombia, ³ Emma Children's Hospital, Academic Medical Center, Amsterdam, Netherlands
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303	740	<i>PAIN MODULATION IN YOUTH WITH FUNCTIONAL GASTROINTESTINAL DISORDERS (FGID) MAY BE NORMAL: A ROLE FOR BASELINE NOREPINEPHRINE?</i> Gisela Chelimsky ^{1,2} , Cecilia Hillard ² , Charles Welzig ² , Serge Marchand ³ , Lisa Conant ² , Thomas Chelimsky ^{1,2} , ¹ Children's Hospital of Wisconsin, ² Medical College of Wisconsin, Milwaukee, WI, USA, ³ Université de Sherbrooke, Sherbrooke, QC, Canada
304	741	<i>FUNCTIONAL DYSPESIA AND IRRITABLE BOWEL SYNDROME IN EARLY TEENAGERS: AN INTERNET SURVEY</i> Hideki Kumagai, Koji Yokoyama, Tomoyuki Imagawa, Janyerkye Tulyeu, Takanori Yamagata, Jichi Medical University, Shimotsuke, Tochigi, Japan
305	742	<i>EGFR-EXPRESSING ENTERIC GLIAL CELLS PRODUCE NEW NEURONS IN THE POSTNATAL GUT</i> Jaime Belkind-Gerson, Massachusetts General Hospital, Boston, MA, USA
306	743	<i>VISCEROSENSORY PERCEPTION DURING DEFAECATION IN CHILDREN WITH CHRONIC CONSTIPATION WITH PALPABLE FAECALOMA AND HEALTHY CHILDREN</i> Julie Jordan-Ely ¹ , Bridget Southwell ¹ , Adeline Foo ¹ , Rebecca Burgell ² , Mark Scott ³ , Anthony Catto-Smith ⁴ , John Hutson ⁴ , Marcelo Leal ⁴ , ¹ Murdoch Childrens Research Institute, Parkville, Victoria, Australia, ² Alfred Hospital, Melbourne, Victoria, Australia, ³ Barts & The London School of Medicine and Dentistry, Queen Mary University, London, UK, ⁴ Royal Childrens Hospital, Parkville, Victoria, Australia
307	744	<i>A NOVEL APPROACH FOR THE TREATMENT OF REFRACTORY FUNCTIONAL GASTROINTESTINAL DISORDERS IN CHILDREN: A RANDOMIZED, CONTROLLED TRIAL OF NEUROSTIMULATION</i> Katja Kovacic, Gisela Chelimsky, Manu Sood, Thomas Chelimsky, B Li, Keri Hainsworth, Pippa Simpson, Adrian Miranda, Medical College of Wisconsin, Milwaukee, Wisconsin, USA
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309	746	<i>VNS IN INFLAMMATION: SYSTEMATIC REVIEW OF ANIMAL MODELS AND CLINICAL STUDIES</i> Luca Garzoni ¹ , Harwood Kwan ¹ , Hai Lun Liu ¹ , Mingju Cao ¹ , Andre Desrochers ² , Gilles Fecteau ² , Patrick Burns ² , Martin G. Frasch ¹ , ¹ CHU Ste-Justine Research Centre, University of Montreal, Montreal, QC, Canada, ² University of Montreal, St-Hyacinthe, QC, Canada



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313	750	<i>IMPROVED SELF-EFFICACY IN CHILDREN WITH FUNCTIONAL CONSTIPATION IS ASSOCIATED WITH TREATMENT SUCCESS</i> Neha Santucci ¹ , Miranda van Tilburg ² , Aryn Karpinski ³ , Allan Rosenberg ¹ , Rachel Herdes ¹ , Lauren Rein ¹ , Eva Stoops ¹ , Amir Amado-Feeley ¹ , Paul E Hyman ¹ , ¹ Louisiana State University, New Orleans, LA, USA, ² University of North Carolina, Chapel Hill, North Carolina, USA, ³ Kent State University, Cleveland, OH, USA
314	751	<i>CONCERNS OF THAI PARENTS ON FUNCTIONAL GASTROINTESTINAL SYMPTOMS IN INFANTS</i> Nopaorn Phavichitr, Chanamon Kleebeua, Anundorn Wongteerasut, Phramongkutklao Hospital, Bangkok, Thailand
315	752	<i>FUNCTIONAL GASTROINTESTINAL DISORDERS IN CHILDREN UNDER TWO YEARS OF AGE; PREVALENCE AND ASSOCIATED FACTORS IN A PRIMARY HEALTH SETTING IN BOGOTÁ</i> Rafael Guerrero-Lozano ¹ , Diego Grajales ² , Colombia, Yolanda Torres ² , ¹ Universidad Nacional De Colombia, Bogota, Columbia, ² Universidad Ces, Medellin, Colombia
316	*753	<i>PREVALENCE OF ROME IV FUNCTIONAL GASTROINTESTINAL DISORDERS IN CHILDREN AND ADOLESCENTS IN THE USA</i> Russell Zwiener ¹ , Paul E Hyman ¹ , Olafur Palsson ² , Miguel Saps ³ , Carol Di Lorenzo ³ , Robert J Shulman ⁴ , Jeffrey S Hyams ⁵ , Samuel Nurko ⁶ , Miranda van Tilburg ² , ¹ Louisiana State University Children's Hospital New Orleans, New Orleans, LA, USA, ² University of North Carolina at Chapel Hill, Chapel Hill, North Carolina, USA, ³ Nationwide Children's Hospital, Columbus, OH, USA, ⁴ Baylor College of Medicine Texas Children's Hospital, Houston, TX, USA, ⁵ Connecticut Children's Medical Center, Hartford, Connecticut, USA, ⁶ Harvard University Boston Children's Hospital, Boston, MA, USA
317	754	<i>PSYCHOLOGICAL FACTORS AND PEDIATRIC FUNCTIONAL GASTROINTESTINAL DISORDERS: A SYSTEMATIC REVIEW</i> Samit B. Patel ¹ , Denesh K. Chitkara ¹ , Alexander J. Schosheim ¹ , Deepika S. Appalla ¹ , Swetha L. Natarajan ¹ , Adeeb Adam ¹ , Miranda A.L. van Tilburg ² , ¹ Saint Peter's University Hospital, New Brunswick, NJ, USA, ² UNC Center for Functional GI and Motility Disorders, University of North Carolina School of Medicine, Chapel Hill, NC, USA
318	755	<i>SUBTYPE CLASSIFICATION OF CHRONIC FUNCTIONAL CHILDHOOD CONSTIPATION WITH COLON TRANSIT TIME TEST: THERAPEUTIC PERSPECTIVE</i> Sun Hwan Bae, Mock Ryeon Kim, Konkuk University Medical Center, Seoul, South Korea
319	756	<i>ABDOMINAL X-RAY IMAGE AND INQUIRY SUGGEST PATHOPHYSIOLOGICAL DIFFERENCE OF FUNCTIONAL CONSTIPATION (FC) BETWEEN ADULT AND CHILD IN JAPAN</i> Takeshi Mizukami, NHO Kurihama Medical and Addiction Center, Yokosuka-City, Kanagawa, Japan
320	757	<i>CYCLICAL VOMITING SYNDROME: A SINGLE UK CENTRE EXPERIENCE</i> Vinod Kolimarala, Evgeniya Kolyvaki, Samuel Lichfield, Hany Banoub, Mashhood Ayaz, Sonny Chong, Epsom and St Helier's University Hospital NHS Trust, Carshalton, Surrey, UK



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325	763	<i>MEASUREMENT OF BODY COMPOSITION BY AIR DISPLACEMENT PLETHYSMOGRAPHY IN PEDIATRIC INTESTINAL FAILURE PATIENTS</i> Alexandra N. Carey ^{1,2,3} , Daniel M. Elman ^{2,4} , Paul D. Mitchell ^{2,4} , Christopher Duggan ^{2,3,5} , ¹ Center for Advanced Intestinal Rehabilitation, Boston, MA, ² Boston Children's Hospital, Boston, MA, ³ Harvard Medical School, Boston, MA, USA, ⁴ Clinical Research Center, Boston, MA, USA, ⁵ Center for Advanced Intestinal Rehabilitation, Boston, MA, USA
326	764	<i>MALNUTRITION SYNDROME: INSUFFICIENT OR EXCESSIVE INTAKE OF KEY NUTRIENTS IN MEXICAN OBESE CHILDREN; ROLE OF INDUSTRIALIZED SUPPLEMENTED FOODS.</i> Erika M Arana-Lopez ¹ , Alfredo Larrosa-Haro ¹ , Elizabeth Lizarraga-Corona ¹ , Enrique Romero-Velarde ¹ , Rogelio Troyo-Sanroman ¹ , Esther C Bravo-Nuñez ¹ , Ana C Perez-Vega ² , ¹ Instituto de Nutrición Humana, Universidad de Guadalajara, Guadalajara, Jalisco, Mexico, ² Instituto de Nutrición Humana, Universidad de Guadalajara, Colima, Colima, Mexico
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328	*766	<i>EFFECT OF THE DIETARY DELIVERY MATRIX ON VITAMIN-D3 BIOAVAILABILITY AND BONE MINERALIZATION IN VITAMIN D3-DEFICIENT GROWING MALE RATS</i> Alison J Hodgkinson ¹ , Marlina C Kruger ² , Colin G Prosser ³ , ¹ AgResearch, Hamilton, Waikato, New Zealand, ² Massey University, Palmerston North, Manawatu, New Zealand, ³ Dairy Goat Co-operative (NZ) Ltd, Hamilton, Waikato, New Zealand
329	767	<i>EXPERIENCE WITH THE USE OF 70% ETHANOL LOCKS (ETL) IN POLYURETHANE-BASED AND SILICONE-BASED CENTRAL VENOUS ACCESS DEVICES (CVAD) IN PATIENTS WITH LONG TERM HOME PARENTERAL NUTRITION. ARE POLYURETHANE CVAD SAFE TO USE WITH ETL?</i> Marie-Pier Dumas, Ana Sant'Anna, Geraldine Schaack, Montreal Children's Hospital, Montreal, QC, Canada
330	768	<i>EFFECT OF CYPROHEPTADINE ON GROWTH VELOCITY IN CHILDREN WITH SILVER-RUSSELL SYNDROME</i> Anaïs Lemoine ¹ , Béatrice Dubern ¹ , Harbison Madeleine ² , Tounian Patrick ¹ , Netchine Irène ³ , Salem Jennifer ⁴ , ¹ Armand Trousseau Hospital, Paris, France, ² Mount Sinai Hospital, New York, NY, USA, ³ Centre de Recherche - Saint Antoine, Paris, France, ⁴ Magic Foundation, Oak Park, IL, USA
331	769	<i>COMPARATIVE TOLERANCE, EFFICACY AND SAFETY EVALUATION OF DIFFERENT INTRAVENOUS LIPID EMULSIONS IN LONG-TERM PARENTERAL NUTRITION OF CHILDREN WITH PRIMARY INTESTINAL FAILURE</i> Maria Immacolata Spagnuolo, Alfredo, Guarino, Andrea, Lo Vecchio, Carmen, Langella, Fabrizia, Chiatto, University of Naples Federico II, Naples, Italy



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333	771	<i>IRON DEFICIENCY IN HEALTHY 18-MONTH-OLD DANISH CHILDREN. PREVALENCE AND ASSOCIATED FACTORS. A SUBPROJECT IN THE ODENSE CHILD COHORT.</i> Anh Thao N. Andersen ¹ , Steffen Husby ¹ , Stine D. Sander ¹ , Henriette B. Kyhl ² , Maria B. Sandberg ³ , Christian Mølgaard ¹ , ¹ The Research Unit at H.C. Andersen's Child Hospital, Odense, Denmark, ² Odense Patient data Explorative Network, Odense, Denmark, ³ Odense University Hospital, Odense, Denmark
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335	773	<i>VARIATIONS IN BODY COMPOSITION INDICES AND ANTHROPOMETRIC PARAMETERS OF HOSPITALIZED NICU INFANTS</i> Anushree Algotar, Sudarshan Jadcherla, Swetha Sitaram, Kimberly Siler-Wurst, Ala Shaikhkhalil, Ish Gulati, Nationwide Children's Hospital, Columbus, OH, USA
336	774	<i>DAILY ETHANOL LOCK THERAPY REDUCES CENTRAL LINE ASSOCIATED BLOODSTREAM INFECTIONS IN HIGH-RISK HOME PARENTERAL NUTRITION PATIENTS</i> Bram Raphael, Mary Gallotto, Jennifer McClelland, Carolyn Rosa, Glendalis Grullon, Courtney Glavin, Alexandra N. Carey, Jessica B. Kerr, Al Ozonoff, Boston Children's Hospital, Boston, MA, USA
337	775	<i>DO PEDIATRIC GASTROENTEROLOGISTS ACKNOWLEDGE AND ADDRESS OBESITY AT OUTPATIENT VISITS?</i> Caitlin Yee, Suruchi Batra, Bernadette Diez, Nicholas Nguyen, Michael Sheridan, Mark Tufano, Natalie Sikka, Stacie Townsend, Suchi Hourigan, Pediatric Specialists of Virginia, Fairfax, VA, USA
338	776	<i>CORRELATION BETWEEN WAIST CIRCUMFERENCE, BODY MASS INDEX AND HEIGHT FOR AGE IN SCHOOLCHILDREN AND ADOLESCENTS IN CALI, COLOMBIA</i> Carlos Velasco ¹ , Alejandra Mideros ¹ , Puck Blom ² , ¹ Universidad del Valle, Cali, Valle, Columbia, ² University of Amsterdam, Amsterdam, Netherlands
339	777	<i>ANTHROPOMETRIC NUTRITIONAL STATUS IN ECUADORIANS INFANTS AND TODDLERS AND POSSIBLE ASSOCIATIONS</i> Carlos Velasco ¹ , Edgar Jativa ² , Alejandra Mideros ¹ , ¹ Universidad del Valle, Cali, Valle, Colombia, ² Universidad Central del Ecuador, Quito, DC, Ecuador
340	778	<i>INSULIN RESISTANCE AND VITAMIN D IN OBESE MEXICAN SCHOLAR CHILDREN</i> Carmen Alicia Sánchez Ramírez, Yunue Flores Ruelas, Alejandra Jimenez Solis, Mario del Toro Equihua, University of Colima, Colima, Mexico
341	779	<i>GASTRIC RESIDUALS AND TIME TO REACH FULL FEEDINGS IN EXTREMELY PRE-TERM INFANTS</i> Carmine Suppa, Keren Dallalzadeh, Richard Schanler, Cohen's Children's Medical Center of New York, New Hyde Park, NY, USA
342	780	<i>TO EXPLORE THE ASSOCIATION BETWEEN ALTERATIONS IN THE GUT MICROBIOTAS AND FOOD SENSITIZATION IN EARLY LIFE OF CHILDREN</i> Chien-Chang Chen, Man-Shan Kong, Hsin-Jen Chen, Ming-Wei Lai, Shih-Yen Chen, Hsun-Chin Chao, Jing-Long Huang, Chang Gung Children's Hospital, Taoyuan, Taiwan
343	781	<i>THE EFFECTIVENESS OF THE IDENTIFICATION AND MANAGEMENT OF FEEDING DIFFICULTIES FOR CHILDREN (IMFED) PROTOCOL ON IMPROVING FEEDING DIFFICULTIES IN CHILDREN SEEN AT THE MEDICAL CITY CENTER FOR DEVELOPMENTAL PEDIATRICS FEEDING CLINIC</i> Christine Grace Pasana, Mary Jean Guno, The Medical City, Pasig, Philippines
344	782	<i>EFFECTS OF PROBIOTICS SUPPLEMENTATION ON AMELIORATION OF BODY FAT ACCUMULATION AND WEIGHT GAIN: A POTENTIAL STRATEGY TO REDUCE OBESITY IN THE FUTURE</i> Chun-Yan Yeung, Hung-Chang Lee, Jen-Shiu Chiang Chiau, Mei-Lien Cheng, Wai-Tao Chan, Chun-Bin Jiang, Szu-Wen Chang, MacKay Children's Hospital, Taipei, Taiwan



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347	785	MATERNAL, INFANT AND EARLY GROWTH FACTORS ASSOCIATED WITH DYSLIPIDEMIA IN SCHOOL-CHILDREN Daniela Gattini ¹ , Ricardo Uauy ^{1,2} , Camila Corvalan ^{1,2} , ¹ Pontifical Catholic University of Chile, Santiago, Region Metropolitana, Chile, ² Institute of Nutrition and Food Technology (INTA), University of Chile, Santiago, Region Metropolitana, Chile
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350	788	PREDICTING OUTCOME OF NEONATAL SHORT BOWEL SYNDROME Doris Mae Dimatatac ¹ , Narasimhan Kannan Laksmi ¹ , Toh Qi ² , ¹ KK Women's and Children's Hospital, Singapore, Singapore, ² Ministry of Health Singapore, Singapore
351	789	THE EFFECT OF BETWEEN-BREAST DIFFERENCES ON HUMAN MILK MACRONUTRIENTS CONTENT Ronit Lubetzky ¹ , Dror Mandel ¹ , Hadar Moran Lev ¹ , Naama Pines ¹ , Francis B. Mimouni ² , Laurence Mangel ¹ , ¹ Tel Aviv Medical Center, Tel Aviv, Israel, ² Shaare Zedek Medical Center, Jerusalem, Israel
352	790	BONE HEALTH AND GROWTH OF CHILDREN RECEIVING LONG-TERM PARENTERAL NUTRITION Elie Abi Nader ^{1,2,3} , Cécile Lambe ^{1,2} , Cécile Talbot ^{1,2} , Alexandre Acramel ¹ , Olivier Goulet ^{1,2,4} , ¹ Department of Necker Enfants Malades University Hospital, ² National Reference Center for Rare Digestive Diseases and Expert Center for Parenteral Nutrition, Paris, France, ³ Faculty of Medicine, Saint, Paris, France, ⁴ Paris Descartes University, Paris, France
353	791	FECAL MICROBIOTA ANALYSIS IN CHILDREN RECEIVING SACCHAROMYCES BOULARDII CNCM I-745 DUE TO ACUTE ROTAVIRAL INFECTIOUS DIARRHEA (FACID STUDY): A NEW MECHANISM OF ACTION FOR PROBIOTICS Ener Cagri Dinleyici ¹ , Daniel Martinez ² , Ates Kara ³ , Andres Moya ³ , Adem Karbuz ⁴ , Nazan Dalgic ⁵ , Ozge Metin ⁶ , Ahmet Sami Yazar ⁷ , Sirin Guven ⁷ , Zafer Kurugol ⁸ , Ozden Turel ⁹ , Mehmet Kucukkoc ⁹ , Olcay Yasa ¹⁰ , Makbule Eren ¹¹ , Metehan Ozen ¹² , Yvan Vandenplas ¹³ , ¹ Eskisehir Osmangazi University, Faculty of Medicine, Eskisehir, Turkey, ² Foundation for the Promotion of Health and Biomedical Research in the Valencian Community (FISABIO) – Public Health, Valencia, Spain, ³ Haccettepe University, Faculty of Medicine, Pediatric Infectious Disease Unit, Ankara, Turkey, ⁴ Okmeydani Education and Research Hospital, Istanbul, Turkey, ⁵ Sisli Etfal Training and Research Hospital, Istanbul, Turkey, ⁶ Konya Education and Research Hospital, Konya, Turkey, ⁷ Umraniye Education and Research Hospital, Istanbul, Turkey, ⁸ Ege University, Faculty of Medicine, Izmir, Turkey, ⁹ Bezmi Alem Vakif University, Faculty of Medicine, Dept. of Infectious Disease Unit, Istanbul, Turkey, ¹⁰ Istanbul Medeniyet University, Goztepe Training and Research Hospital, Istanbul, Turkey, ¹¹ Eskisehir Osmangazi University, Faculty of Medicine, Eskisehir, Turkey, ¹² Acibadem University, Faculty of Medicine, Pediatric Infectious Disease Unit, Istanbul, Turkey, ¹³ UZ Brussel, Vrije Universiteit Brussel, Department of Pediatrics, Brussels, Belgium



FRIDAY

Poster	Abstract	NUTRITION AND INTESTINAL REHABILITATION
354	*792	<i>DECREASING TIME TO ANTIBIOTICS IN SHORT BOWEL SYNDROME PATIENTS WITH CENTRAL LINE AND FEVER IN THE EMERGENCY DEPARTMENT</i> Erealda Prendaj, Daniel M. Fein, Nina Dadlez, John Thompson, Gitit Tomer, The Children's Hospital at Montefiore, The University Hospital for Albert Einstein College of Medicine, Bronx, NY, USA
355	793	<i>IMPROVED ADHERENCE TO SURVIVING SEPSIS: USE OF A GUIDELINE FOR PATIENTS WITH PEDIATRIC INTESTINAL FAILURE, FEVER, AND A CENTRAL LINE</i> Ethan A. Mezo ¹ , Selena Hariharan ¹ , Christopher E. Dandoy ¹ , Yue Zhang ¹ , Janis Chiarenzelli ¹ , Misty Troutt ¹ , Jean Simpkins ¹ , Mary Dewald ¹ , Kim Klotz ¹ , Lin Fei ¹ , Adam G. Mezo ² , Conrad R. Cole ¹ , ¹ Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA, ² Dayton Children's, Dayton, OH, USA
356	794	<i>COMPARISON OF MACRONUTRIENT CONTENT OF MATERNAL AND DONOR HUMAN MILK USING A HUMAN MILK ANALYZER.</i> Fauzia Shakeel, Melanie Newkirk, Taymeh Altoubah, Denise Martinez, Johns Hopkins All Children's Hospital, St. Petersburg, FL, USA
357	795	<i>PERINATAL AND NUTRITIONAL FACTORS ASSOCIATED WITH PROTEIN TOLERANCE RECOVERY IN IGE MEDIATED COW MILK ALLERGY</i> Felix Sánchez-Valverde ¹ , Francisco Gil ² , Veronica Etayo ¹ , Elena Aznal ¹ , Diana Martínez ¹ , Ilargi Urriza ¹ , Victoria Diez ³ , ¹ Complejo Hospitalario de Navarra, Pamplona, Navarre, Spain, ² Hospital de Estella, Estella, Navarre, Spain, ³ Hospital Reina Sofia, Tudela, Navarre, Spain
358	796	<i>USE OF A NOVEL AUTOMATIC BREATH TEST TECHNOLOGY FOR HYDROGEN BREATH TESTING IN NEWBORNS AND SMALL CHILDREN</i> Glenn R Gourley ¹ , M Chan ² , W McKiernan ² , T. Wondka ² , Pedro de la Serna ² , ¹ University of Minnesota, Minneapolis, MN, USA, ² Capnia, Inc., Redwood City, CA, USA
359	797	<i>AN INNOVATIVE APPROACH FOR THE SELF-MANAGEMENT OF CYSTIC FIBROSIS PATIENTS IN EUROPE: DEVELOPMENT, VALIDATION AND IMPLEMENTATION OF A NEW EHEALTH TOOL: THE MYCYFAPP PROJECT</i> Joaquim Calvo-Lerma ¹ , Celia P Martínez-Jiménez ² , Juan-Pablo Lázaro-Ramos ³ , Ana M Andrés Grau ⁴ , Paula Crespo-Escobar ¹ , Erlend Stav ⁵ , Cornelia Schaubert ⁶ , Lucia Pannese ⁷ , Lucrecia Suárez ⁸ , Jessie Hulst ⁹ , Carla Colombo ¹⁰ , Celeste Barreto ¹¹ , Christiane de Boeck ¹² , Carmen Ribes-Koninckx ¹³ , ¹ Instituto de Investigación Sanitaria La Fe, Valencia, Valencia, Spain, ² Wellcome Trust Sanger Institute, Cambridge, UK, ³ Soluciones Tecnológicas para la Salud y el Bienestar, Paterna, Valencia, Spain, ⁴ Universitat Politècnica de València, Valencia, Valencia, Spain, ⁵ Stiftelsen SINTEF, Trondheim, Norway, ⁶ Youse GmbH, Munich, Germany, ⁷ Imaginary, Milan, Italy, ⁸ Hospital Universitario Ramón y Cajal, Madrid, Spain, ⁹ Erasmus MC-Sophia Children's Hospital, Rotterdam, Netherlands, ¹⁰ University of Milan, Milan, Italy, ¹¹ Faculdade de Medicina, Lisbon, Portugal, ¹² Catholic University of Leuven, Leuven, Belgium, ¹³ Hospital Universitari i Politècnic La Fe, Valencia, Spain
360	798	<i>EARLY-LIFE INFLUENCES ON THE INTESTINAL MICROBIOME AND GROWTH TRAJECTORIES OF CHILDREN</i> Lauren Fiechtner ¹ , Brianna Roche ¹ , Kohei Hasegawa ² , Maureen Leonard ² , Maria Luisa Fonte ³ , W. Allan Walker ¹ , Carlos Camargo ² , Elsie M. Taveras ¹ , ¹ Massachusetts General Hospital for Children, Boston, MA, USA, ² Massachusetts General Hospital, Boston, MA, USA, ³ National Cancer Institute, Italy, Milan, Italy
361	*799	<i>A NEW RED BLOOD CELL FATTY ACIDS PROFILE IN CHILDREN RECEIVING INTRAVENOUS FAT EMULSION CONTAINING 15% FISH OIL</i> Olivier Goulet ¹ , Cécile Lambe ¹ , Cécile Talbotec ¹ , Catherine Poisson ¹ , Amelia Rocha ¹ , Martine Postaire ¹ , Rozenn Clément ¹ , Antonin Lamazière ² , Marie-Anne Maubert ² , Claude Wolf ² , ¹ University Hospital Necker, Paris, France, ² University Hospital Saint Antoine, Paris, France
362	800	<i>FOOD INDICATORS AND NUTRITION STATUS EVALUATION OF 221 NEWBORNS AND INFANTS LIVING IN SUBURBAN DAKAR</i> Saliou Diouf, Indou Salamata Deme, Abou Ba, Mamadou Sarr, Institute Of Social Pediatrics, Dakar, Senegal
363	801	<i>FOOD, NUTRITION AND HEALTH AMONG SENEGALESE CHILDREN</i> Saliou Diouf ¹ , Malick Ndiaye ² , David Ndri ³ , Aristide Loukou ³ , ¹ Institute of Social Pediatrics, Dakar, Senegal, ² Danone, Dakar, Senegal, ³ Danone, Abidjan, Abidjan, Ivory Coast



FRIDAY

Poster	Abstract	NUTRITION AND INTESTINAL REHABILITATION
364	802	<i>CHILD-FEEDING BEHAVIORS AND FACTORS AFFECTING PARENTAL PERCEPTION OF FEEDING CONCERNS IN CHILDREN</i> Tammy Su Hui Lim, Michelle Li Nien Tan, Marion Margaret Aw, National University Health System, Singapore, Singapore
365	803	<i>CONTINUOUS PHYSICAL EXERCISE IN TEENAGE MAY MODIFY THE DISRUPTION OF EARLY-LIFE GUT MICROBIOTA ASSOCIATED WITH CAESAREAN DELIVERY</i> Yuichiro Yamashiro ¹ , Ravinder Nagpal ¹ , Hirokazu Tsuji ² , Takuya Takahashi ² , Koji Nomoto ² , Yoshio Suzuki ³ , Satoru Nagata ⁴ , ¹ Juntendo University School of Medicine, Bunkyo-ku, Tokyo, Japan, ² Yakult Central Institute, Kunitachi, Tokyo, Japan, ³ Juntendo University School of Health and Sports Sciences, Chiba, Japan, Chiba, Japan, ⁴ School of Pediatrics Medicine, Tokyo Women's Medical University, Tokyo, Japan, Shinjuku, Tokyo, Japan
		PANCREATOLOGY
367	804	<i>TRIPLE THREAT: A FIRST CASE REPORT OF PANCREATIC LIPOMA, CELIAC DISEASE, AND ULCERATIVE COLITIS IN A TEENAGE GIRL WITH ABDOMINAL PAIN AND BLOODY DIARRHEA</i> Jonathan Manzo, Azam Soroush, Jersey Shore University Medical Center, Neptune, NJ, USA
368	805	<i>DELAYED DIAGNOSIS OF CYSTIC FIBROSIS IN A TEENAGE GIRL WITH RECURRENT ABDOMINAL PAIN</i> Kate Ellery, Ala Shaikhkhailil, Cheryl Gariepy, Chandar Ramanathan, Karen McCoy, Nationwide Children's Hospital Division of Pulmonology, Columbus, OH, USA
369	806	<i>USE OF ENDOSCOPIC NECROSECTOMY FOR WALLE- OFF NECROSIS (WON) IN NECROTIZING PANCREATITIS IN A CHILD</i> Sana Mansoor, Zarela Molle-Rios, Thomas Kowalski, Nemours/A.I duPont Hospital for Children, Sidney Kimmel Medical College at Thomas Jefferson University, Wilmington, DE, USA
370	807	<i>RECURRENT PANCREATITIS AND TRANSAMINITIS IN AN ADOLESCENT MALE: WOULD YOUR DIFFERENTIAL DIAGNOSIS INCLUDE GASTRIC ADENOCARCINOMA?</i> Stefany Hernández Benabe, Nilka de Jesús-Gonzalez, Antonio Del Valle, Nilka Barrios, Maria Elena Echevarria, University of Puerto Rico Pediatric Hospital, San Juan, Puerto Rico, USA
37 ¹	808	<i>PLASMAPHERESIS FOR HYPERTRIGLYCERIDEMIA-INDUCED ACUTE PANCREATITIS IN A CHILD</i> Ke-You Zhang, Zachary M. Sellers, Christine H. Yang, John Kerner, Kenneth Cox, Stanford University, Palo Alto, CA, USA
372	809	<i>ASSESSMENT OF PANCREATIC DUCT FUNCTION BY ENDOSCOPIC SECRETIN TEST (ePFT) IN CHILDREN WITH SUSPECTED CHRONIC PANCREATITIS</i> Khaled Bittar ^{1,2} , Devendra Mehta ² , Nisthan Patel ^{1,2} , Janet Conrad ² , Karoly Horvath ² , ¹ University of Florida in Orlando, Orlando, FL, USA, ² Orlando Health, Orlando, FL, USA
373	810	<i>MATURATIONAL DELAY OF EXOCRINE PANCREATIC FUNCTION IN A CHILD WITH FAILURE TO THRIVE</i> Khaled Bittar ^{1,2} , Devendra Mehta ² , Shaista Safder ² , Karoly Horvath ² , ¹ University of Florida, ² Orlando Health, Arnold Palmer Hospital for Children, Pediatric Gastroenterology, Orlando, FL, USA
374	811	<i>PREVALENCE OF ISOLATED AMYLASE DEFICIENCY IN CHILDREN WITH SECRETIN PANCREATIC FUNCTION TEST</i> Khaled Bittar ^{1,2} , Nishant Patel ^{1,2} , Reinaldo Figueroa-Colon ² , Devendra Mehta ² , Karoly Horvath ² , ¹ University of Florida, ² Orlando Health, Arnold Palmer Hospital for Children, Orlando, FL, USA
375	812	<i>CLINICAL VALUE OF SERUM ANGIOGENIC GROWTH FACTORS IN CHILDREN WITH ACUTE PANCREATITIS TREATED WITH ENTERAL NUTRITION THERAPY</i> Andrzej Wedrychowicz, Przemyslaw Tomasik, Stanislaw Pieczarkowski, Kinga Kowalska-Duplaga, Krzysztof Fyderek, Jagiellonian University Medical College, Krakow, Poland
376	813	<i>FREQUENCY OF INTOLERANCE TO CARBOHYDRATES AND DIABETES MELLITUS IN PATIENTS WITH CYSTIC FIBROSIS SEEN AT THE HOSPITAL DE PEDIATRIA CMNO IMSS</i> Martínez-Bañuelos, MC Bojórquez-Ramos, Delgadillo-Ruano, A. L. López-Beltrán, J. C. Barrera de León, UMAE Hospital de Pediatría CMNO, Guadalajara, Jalisco, México



FRIDAY

Poster	Abstract	PANCREATOLOGY
377	814	<i>PROFILE OF ACUTE PANCREATITIS IN CHILDREN IN A TERTIARY CARE CENTER OF BANGLADESH</i> Nadira Musabbir, Asm Bazlul Karim, Abdullah Al Mahmud, Syeda Afria Anwar, Kaniz Sultana, Bangabandhu Sheikh Mujib Medical University, Dhaka, Bangladesh
378	815	<i>ROLE OF ENDOSCOPIC ULTRASOUND IN IDIOPATHIC ACUTE ANCREATITIS IN CHILDREN</i> Roberto Gugig, Children's Hospital Central CA, Visalia, CA, USA
379	816	<i>PANCREAS DIVISUM IN PEDIATRIC ACUTE RECURRENT AND CHRONIC PANCREATITIS</i> Tom K. Lin ^{1, 4} , Aliye Uc ^{2, 4} , Maisam Abu-El-Haija ^{1, 4} , Joseph J. Palermo ^{1, 4} , Jaimie D. Nathan ^{1, 4} , Bridget Zimmerman ^{2, 4} , Mark Lowe ^{3, 4} , ¹ Cincinnati Children's Hospital Medical Center, Cincinnati, OH, ² University of Iowa, Iowa City, OH, USA, ³ Children's Hospital of Pittsburgh, Pittsburgh, PA, USA, ⁴ on behalf of the INSPPIRE Consortium members, INSPPIRE, Iowa City, IA, USA
381	583	WITHDRAWN
382	569	WITHDRAWN



FRIDAY

HANDS ON ENDOSCOPY #2

Registration Required
See Ticket for Room Assignment
12:00 PM – 3:00 PM

Course Director: Marsha Kay, MD, Cleveland Clinic, Cleveland, OH, USA

Supported in part by an educational grant from Olympus Corporation of the Americas

HANDS ON MOTILITY WORKSHOP #2:

ESOPHAGEAL AND ANORECTAL MANOMETRY
Registration Required

See Ticket for Room Assignment
1:00 PM – 3:00 PM

Course Directors:

José Cocjin, MD, Children's Mercy Hospital and Clinics, Kansas City, MO, USA
and Christophe Faure, MD, CHU Sainte-Justine, Montreal, QC, Canada

Speakers:

Esophageal Manometry Testing

Neelesh A. Tipnis, University of Mississippi Medical Center, Jackson, MS, USA

Anorectal Manometry Testing

Leonel Rodriguez, Boston Children's Hospital, Boston, MA, USA

Supported in part by an educational grant from Medtronic



FRIDAY

CONCURRENT SESSION IV

RESEARCH SESSION: INFLAMMATORY BOWEL DISEASE

2:00 PM – 3:45 PM

517D

Moderators: Frank Ruemmele, MD and Neera Gupta, MD, MS

- 2:00 817. *TRENDS IN EPIDEMIOLOGY OF PEDIATRIC INFLAMMATORY BOWEL DISEASE IN CANADA: DISTRIBUTED NETWORK ANALYSIS OF MULTIPLE POPULATION-BASED PROVINCIAL HEALTH ADMINISTRATIVE DATABASES: THE CANADIAN GASTRO-INTESTINAL EPIDEMIOLOGY CONSORTIUM (CANGIEC)*
Matthew Carroll^{1,2}, Gilaad Kaplan^{1,3}, Charles Bernstein^{1,4}, Alain Bitton^{1,5}, Harminder Singh^{1,4}, Anthony Otley^{1,6}, Maria Vutcovici^{1,5}, Wael El-Matary^{1,4}, Geoffrey Nguyen^{1,7}, Anne Griffiths^{1,8}, David Mack^{1,9}, Jennifer De Bruyn^{1,10}, Nassim Mojaverian^{1,11}, Eric Benchimol^{1,9}, ¹Canadian Gastrointestinal Epidemiology Consortium (CanGIEC), ²University of Alberta, Edmonton, AB, Canada, ³University of Calgary, Calgary, AB, Canada, ⁴University of Manitoba, Winnipeg, MB, Canada, ⁵McGill University, Montreal, QC, Canada, ⁶University of Dalhousie, Halifax, Nova Scotia, Canada, ⁷University of Toronto, Toronto, ON, Canada, ⁸Hospital for Sick Children, Toronto, ON, Canada, ⁹Children's Hospital of Eastern Ontario, Ottawa, ON, Canada, ¹⁰Alberta Children's Hospital, Calgary, AB, Canada, ¹¹ICES, Ottawa, ON, Canada
- 2:15 818. *COMPLEX AND DEFINED BACTERIOTHERAPY CAN INHIBIT ACUTE COLITIS IN MICE*
Faith Ihekweazu¹, Tatiana Fofanova¹, Dora Nagy-Szakal², Kristina Hulten¹, Karen Queliza¹, Antone Opekun¹, Joseph Petrosino¹, David Y. Graham¹, Richard Kellermayer¹, ¹Baylor College of Medicine, Texas Children's Hospital, Houston, TX, USA, ²Columbia University, New York, NY, USA
- 2:30 820. *EARLY CHANGES IN MICROBIAL COMMUNITY STRUCTURE ARE ASSOCIATED WITH SUSTAINED REMISSION FOLLOWING NUTRITIONAL TREATMENT OF PEDIATRIC CROHN'S DISEASE*
Kathy A. Dunn¹, Johan Van Limbergen^{1,2}, Jessica Moore-Connors², Brad MacIntyre², Andrew Stadnyk¹, Nikhil A. Thomas¹, Angela Noble², Gamal Mahdi², Mohsin Rashid², Anthony R. Otley^{1,2}, Joseph .P Bielawski¹, ¹Dalhousie University, Halifax, NS, Canada, ²IWK Health Centre, Halifax, NS, Canada
- 2:45 **STATE OF THE ART LECTURE**
UNRAVELING THE PATHOGENESIS OF IBD
Ramnik Xavier, MD, Massachusetts General Hospital, Boston, MA, USA

Learning objectives:
1 Understand the current genetic landscape of IBD
2. Explain the role of autophagy in IBD
3. Recognize the value in identifying protective variants (e.g., card 9) in IBD
- 3:15 821. *VITAMIN D STATUS IN NEWLY DIAGNOSED PEDIATRIC ULCERATIVE COLITIS AND RACIAL DIFFERENCES DETERMINED BY GENETIC POLYMORPHISMS: RESULTS FROM THE PROTECT STUDY*
Cary G. Sauer¹, Suresh Venkateswaran¹, Vin Tangpricha¹, Tom Ziegler¹, David Mack², Brendan Boyle³, Anne Griffiths⁴, Neil LeLeiko⁵, David Keljo⁶, Jim Markowitz⁷, Susan Baker⁸, Joel Rosh⁹, Robert Baldassano¹⁰, Sonia Davis¹¹, Allison Marquis¹¹, Krista Spada¹², Subra Kugathasan¹, Tom Walters⁴, Jeff Hyams¹², Lee Denson¹³, ¹Emory University, Children's Healthcare of Atlanta, Atlanta, GA, USA, ²Children's Hospital of Eastern Ontario, Ottawa, ON, Canada, ³Nationwide Children's Hospital, Columbus, OH, USA, ⁴The Hospital for Sick Children, Toronto, ON, Canada, ⁵Hasbro Children's Hospital, Providence, RI, USA, ⁶University of Pittsburgh Medical Center, Children's Hospital of Pittsburgh, Pittsburgh, PA, USA, ⁷Northwell Health, Lake Success, NY, USA, ⁸University of Buffalo, Buffalo, NY, USA, ⁹Goryeb Children's Hospital, Morristown, New Jersey, USA, ¹⁰Children's Hospital of Philadelphia, Philadelphia, PA, USA, ¹¹University of North Carolina, Chapel Hill, North Carolina, USA, ¹²Connecticut Children's Medical Center, Hartford, Connecticut, USA, ¹³Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA
- 3:30 822. *NOD2 PROTECTS THE INTESTINE REMOTE FROM LOCAL GUT INJURY*
Jean-Pierre Hugot, MD, Hopital Robert Debré, Paris, France



FRIDAY

CONCURRENT SESSION IV cont'd

PANCREATOLOGY AND CYSTIC FIBROSIS

2:00 PM - 3:33 PM

510BD

Moderators: Maria Wagener, MD and Jaroslaw Walkowiak, MD

PANCREAS PRIZE

2:00 823. *IMPACT OF OBESITY ON PEDIATRIC ACUTE RECURRENT AND CHRONIC PANCREATITIS*
Aliye Uc, MD, Bridget Zimmerman^{1,3}, Mark E. Lowe^{2,3}, ¹University of Iowa, Iowa City, IO, USA, ²Children's Hospital of Pittsburgh of UPMC, Pittsburgh, PA, USA, ³On behalf of the INSPPIRE Consortium University of Iowa, Iowa City, Iowa, USA

2:12 824. *PROGRESSION OF ACUTE PANCREATITIS TO ACUTE RECURRENT PANCREATITIS IN THE PEDIATRIC POPULATION: A SINGLE-CENTER. PROSPECTIVE DATABASE REPORT*
Katherine Sweeny, Tom K. Lin, Jaimie D. Nathan, Joseph J. Palermo, Lindsey Hornung, Tyler Thompson, Maisam Abu-El-Haija, Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA

2:24 STATE OF THE ART LECTURE

PRECISION MEDICINE FOR COMPLEX PANCREATITIS PATIENTS
David Whitcomb, MD, University of Pittsburgh, Pittsburgh, PA, USA

Learning objectives:

1. To recognize the central features of precision medicine
2. To understand the components of complex disorders
3. To differentiate risk factors and modifying factors from biomarkers
4. To determine the time and approach to genetic testing in individual patients

2:49 825. *CLINICAL PROFILE AND LONG TERM OUTCOME OF ACUTE RECURRENT PANCREATITIS IN CHILDREN: SINGLE CENTER EXPERIENCE OF 93 CASES*
Ujjal Poddar, Surender Kumar Yachha, Anshu Sirvastava, Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow, Uttar Pradesh, India

3:01 826. *STUDY ON GENETIC SUSCEPTIBILITY AND CLINICAL FEATURES IN CHINESE CHILDREN WITH-CHRONIC PANCREATITIS*
Yuan Xiao, Chundi Xu, Biao Gong, Xinqiong Wang, Yan Guo, Xu Xu, Yi Yu, Ruijin Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, Shanghai, China PR

3:13 *CFTR POTENTIATORS, MODULATORS: BRAVE NEW WORLD?*
Michael Wilschanski, MD, Pediatric Gastroenterology, Jerusalem, Israel

Learning objectives:

1. The CFTR gene was discovered 25 years ago and there are 2000 mutations known
2. These mutations have been divided into 5 Classes
3. High-throughput screening has developed compounds which may intervene at different stages of the biosynthetic pathway of CFTR
4. Potentiators increase channel opening and improve gating or Class III mutations
5. Correctors improve CFTR folding and trafficking and improve Class II mutations
6. Suppressors or read-through compounds improve Class I mutations
7. Gastrointestinal end-points for therapeutic trials in CF for example intestinal organoids will be discussed



FRIDAY

CONCURRENT SESSION IV cont'd

EARLY NUTRITION AND DEVELOPMENTAL ORIGINS OF GASTROINTESTINAL DISEASES

2:00 PM – 3:40 PM

511CF

Moderators: Susanna Huh, MD and Wayne Lencer, MD

- 2:00 *EFFECT OF EARLY NUTRITION ON THE RISK OF DEVELOPING GASTROINTESTINAL DISEASES*
Mary Fewtrell, MD, UCL Institute of Child Health, London, UK
- Learning objectives:
1. Appreciate the limitations of the evidence available to draw conclusions about effects of infant nutrition on later health outcomes
 2. Be aware of the conclusions from recent systematic reviews and meta-analyses on the effects of infant nutrition on later health outcomes
 3. Understand some of the potential mechanisms underlying such effects
- 2:25 *ADIPOSITY AND CHILD HEALTH: WHAT IS THE ROLE OF BODY COMPOSITION: ASSOCIATIONS OR CAUSES?*
Dympna Gallagher, MD, Columbia University Medical Center, New York, NY, USA
- 2:50 *COMMUNITY PROJECTS: MALNOURISHED CHILDREN IN RURAL AREAS*
Mark Manary, MD, Washington University School of Medicine, St. Louis, MO, USA
- Learning objectives:
1. Understand and articulate the particular challenges rural children in the developing world face when they are primarily malnourished
 2. Have heard how health aids can play an important role managing malnutrition among children in sub-Saharan Africa
 3. Understand the requirements of therapeutic and supplementary foods in rural African settings
- 3:15 *CAN INFANT FEEDING PRACTICES PREVENT CELIAC DISEASE?*
Ranaan Shamir, MD, Institute of Gastroenterology, Nutrition and Liver Disease, Schneider Children's Medical Center, Petach Tikva, Israel
- Learning objectives:
1. Acknowledge timing of gluten introduction to infants' diet in relation to celiac disease
 2. Recognize the relationship between breastfeeding and celiac disease
 3. Be familiar with the recommendations on breastfeeding at the time of gluten introduction



FRIDAY

CONCURRENT SESSION IV cont'd

QUALITY AND TRAINING IN PEDIATRIC ENDOSCOPY: WHAT SHOULD BE OUR COMMON TRAINING STANDARDS AND HOW TO ACHIEVE THEM?

2:00 PM – 3:30 PM

511CF

Moderators: Christina Targa, MD and Henedina Antunes, MD

- 2:00 *ASSESSMENT OF COMPETENCY IN PEDIATRIC COLONOSCOPY (BASIC LEVEL, EARLY TRAINEES)*
Catharine Walsh, MD, The Hospital for Sick Children, Toronto, ON, Canada
- Learning Objectives:
1. Identify the components of endoscopic competence
 2. Describe and compare currently available in-training assessment methods and measures for pediatric-colonoscopy
- 2:20 *HOW TO GET ADVANCED ENDOSCOPY TRAINING (SENIOR TRAINEES)*
Michael Thomson, MD, MB ChB, DCH, MRCP (Paeds), MD, FRCP, Sheffield Children's Trust, Sheffield, UK
- 2:40 *UP SKILLING AND MAINTENANCE OF COMPETENCE IN PEDIATRIC ENDOSCOPY*
Jenifer Lightdale, MD, UMass Memorial Children's Medical Center, Worcester, MA, USA
- 3:00 *PANEL: WORLDWIDE STATE OF AFFAIRS: STATUS OF TRAINING ACROSS THE WORLD*
Cary Sauer, MD, Emory University/Children's Healthcare of Atlanta, GA, USA
Prithvi Rao, MD, Sheffield Children's Hospital, Sheffield, South Yorkshire, UK
Looi Ee, MD, Lady Cilento Children's Hospital, South Brisbane, Queensland, Australia
Keira Leon, MD, Policlínica Metropolitana, Caracas, DF, Venezuela

RESEARCH SESSION: TRANSPLANTATION

2:00 PM – 3:42 PM

511BE

Moderators: Daniel D'Agostino, MD and Anil Dhawan, MD

- 2:00 827. *CHANGES OF GUT MICROBIOTA IN RECIPIENTS OF SMALL BOWEL TRANSPLANT*
Pi-Feng Chang, Yu-Cheng Lin, Kevin Liu, Yun Chen, Far Eastern Memorial Hospital, New Taipei, Taiwan
- 2:12 828. *HEPATOCYTE-LIKE CELLS OF STEM CELLS FROM HUMAN EXFOLIATED DECIDUOUS TEETH INDUCED LIVER REGENERATION IN LIVER FIBROSIS MODEL MICE*
Fatima Safira Alatas^{1,2}, Takayoshi Yamaza¹, Haruyoshi Yamaza¹, Yusuke Yanagi¹, Toshiharu Matsuura¹, Toshio Kukita¹, Kazuaki Nonaka¹, Shouichi Ohga¹, Tomoaki Taguchi¹, ¹Kyushu University, Fukuoka, Japan, ²Universitas Indonesia – Cipto Mangunkusumo Hospital, Jakarta, Indonesia
- 2:24 829. *OUTCOMES OF TOTAL PANCREATECTOMY AND ISLET AUTO TRANSPLANTATION FOR PAINFUL REFRACTORY CHRONIC PANCREATITIS IN YOUNGER CHILDREN*
Srinath Chinnakotla, Megan Berger, Kaustav Majumder, Martin Freeman, Gregory Beilman, Ty Dunn, Michael Murati, Joshua Wilhelm, David E.R. Sutherland, Sarah J Schwarzenberg, Timothy Pruett, University of Minnesota, Minneapolis, MN, USA
- 2:36 **STATE OF THE ART LECTURE**
THE FUTURE OF CELLULAR THERAPY
Markus Grompe, MD, Oregon Health & Science University, Portland, OR, USA



CONCURRENT SESSION IV cont'd

- 3:06 830. *CHANGES IN HEALTH-RELATED QUALITY OF LIFE (HRQOL) IN PEDIATRIC LIVER TRANSPLANT (LT) RECIPIENTS (LT) DURING PROTOCOLIZED IMMUNOSUPPRESSION WITHDRAWAL (ISW): THE IWITH TRIAL*
Saeed Mohammad¹, Shikha Sundaram², Kristen Much³, Vena Venkat⁴, Mercedes Martinez⁵, M James Lopez⁶, John C. Magee⁶, Estella M. Alonso¹, Sandy Feng⁷, ¹Northwestern University, Chicago, IL, USA, ²University of Colorado, Aurora, CO, USA, ³Rho, Chapel Hill, North Carolina, USA, ⁴University of Pittsburgh Medical Center, Pittsburgh, PA, USA, ⁵Columbia University, New York, NY, USA, ⁶University of Michigan, Ann Arbor, MI, USA, ⁷University of California – San Francisco, San Francisco, CA
- 3:18 831. *A MULTICENTER PROSPECTIVE STUDY OF FRAILTY IN CHILDREN WITH LIVER DISEASE*
Eberhard Lurz¹, Vicky Ng¹, Estella M. Alonso², Michael Englesbe³, Henry Lin⁴, Evelyn Hsu⁵, Katryn N. Furuya⁶, Nitika A. Gupta⁷, Veena Venkat⁸, James F. Daniel⁹, Mike Leonis¹⁰, Tamir Miloh¹¹, Grzegorz W. Telega¹², Jason Yap¹³, Jerome Mendendez¹⁴, Linda Book¹⁵, Ryan W. Himes¹⁶, Shikha S. Sundaram¹⁷, Claudia Quammie¹, Binita Kamath¹, ¹The Hospital for Sick Children, Toronto, ON, Canada, ²Ann & Robert H. Lurie Children's Hospital of Chicago, Chicago, IL, USA, ³University of Michigan, Ann Arbor, Michigan, USA, ⁴Children's Hospital of Philadelphia, Philadelphia, PA, USA, ⁵University of Washington - Seattle Children's Hospital, Seattle, Washington, USA, ⁶Alfred I. duPont Hospital for Children Wilmington, Wilmington, Delaware, USA, ⁷Children's Healthcare of Atlanta Emory University School of Medicine, Atlanta Georgia, USA, ⁸Children's Hospital of Pittsburgh, Pittsburgh, PA, USA, ⁹Children's Mercy Hospital, Kansas City, MO, USA, ¹⁰Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA, ¹¹Phoenix Children's Hospital, Phoenix, Arizona, USA, ¹²Children's Hospital of Wisconsin, Milwaukee, WI, USA, ¹³Stollery Children's Hospital/University of Alberta, Edmonton, AB, Canada, ¹⁴Levine Children's Hospital Carolinas Health Care Center, Charlotte, North Carolina, USA, ¹⁵Primary Children's Hospital Salt Lake, Salt Lake, UT, USA, ¹⁶Texas Children's Hospital, Houston, Texas, USA, ¹⁷Children's Hospital Colorado, Aurora, Colorado, USA
- 3:30 832. *SINGLE-CENTER EXPERIENCE IN PEDIATRIC INTESTINAL TRANSPLANTATION*
Cal Matsumoto, Nada Yazgi, Khalid Khan, Stuart Kaufman, Georgetown University Transplant Institute, Washington, DC, USA



FRIDAY

PLENARY SESSION IV

TITLE

4:00 PM – 6:00 PM

517ABC

Moderators: Kathleen B. Schwarz, MD and Melvin Heyman, MD, MPH

- 4:00 **KEYNOTE ADDRESS**
UNDERNUTRITION, GLOBAL HEALTH AND CHILDHOOD DISEASE
Kenneth Brown, MD, Senior Program Officer and Initiative Lead, Nutrition/Global Development, Bill & Melinda Gates Foundation
- 4:30 **Forum of the FISPUGHAN Expert Teams – Results of our Global Surveys and Action Plans for 2017-2020**
Kathleen Schwarz, MD, John Hopkins School of Medicine, Baltimore, MD, USA
- 4:45 *HOW “UNIVERSAL” IS UNIVERSAL HBV VACCINATION - THE FACTS OF THE GLOBAL STATUS*
Mei Hwei Chang, MD, National Taiwan University Hospital, Taipei, Taiwan
- 5:10 *HOW UNIVERSAL ARE THE PREVENTION AND MANAGEMENT OF GASTROENTERITIS*
Alfredo Guarino, MD, University of Naples Federico II, Naples, Italy
- 5:35 *HOW WELL OR NOT SO WELL IS NUTRITION EDUCATION DONE??*
Mark Manary, MD, Washington University School of Medicine, St. Louis, MO, USA



SATURDAY

5K FUN RUN

Registration Required

6:30 AM – 7:30 AM

When: Saturday, October 8th 6:30 AM race starts (Please plan to arrive by 6:15 AM)

Where: Old Montreal

Departing at 6:30 on Saturday, October 8, 2016 from the park situated on the west side of the Palais des congrès at 1001 Place Jean-Paul-Riopelle. The 5K run will wind through the majestic buildings of Old Montreal to the Port of Montreal and back to the Palais. The 5K will afford you a glimpse of the 375-year history of the City.

As you will need to sign in, please be there by 6:15 to be ready for the start of the run. Your liability waiver must be signed and returned before you can run. Pick up a copy of the waiver at registration.

Entry Fee is \$25 USD.



WCPCHAI 2016



SATURDAY

MEET THE PROFESSOR BREAKFAST SESSIONS

Registration Required
See Tickets for Room Assignments
7:00 AM – 8:00 AM

1. *PROBLEMS IN THE DIAGNOSIS AND MANAGEMENT OF CELIAC DISEASE*
Riccardo Troncone, MD, Maureen Leonard, MD and Alexia Beauregard, RD
2. *HEPATOLOGY: NON-MALIGNANT LIVER MASSES*
Saul Karpen, MD and Lee Bass, MD
3. *RECURRENT DISEASE IN PEDIATRIC LIVER TRANSPLANTATION*
Deirdre Kelly, MD and Vicky Ng, MD
4. *INTERVENTIONAL RADIOLOGY IN CHILDREN*
Josée Dubois, MD and Laurent Garel, MD
5. *THE CHILD WITH REFLUX NON-RESPONSIVE TO ACID BLOCKERS: WHAT'S NEXT?*
Samuel Nurko, MD and Marina Orsi, MD
6. *GI ISSUES IN CF PATIENTS: MYTHS AND FACTS (REFLUX, ENTERITIS, PROBIOTICS, LIVER ETC)*
Daniel Gelfond, MD and Alvin Jay Freeman, MD
7. *MANAGEMENT OF ACUTE SEVERE ULCERATIVE COLITIS*
Anne Griffiths, MD and Jennifer deBruyn, MD
8. *MILK FORMULATION FOR TODDLERS: WHAT SHOULD WE RECOMMEND?*
Iva Hojsak, MD, Maria Mascarenhas, MBBS and Haley Hughes, RD
9. *GLOBAL RESEARCH IN PEDIATRIC GASTROENTEROLOGY: OPPORTUNITIES AND CHALLENGES*
George Fuchs, MD, Sean Moore, MD and Sana Syed, MD
10. *EVALUATION AND MANAGEMENT OF REFRACTORY ULCERATIVE COLITIS (IN SPANISH)*
Javier Martin de Carpi, MD and Luis Sifuentes, MD



SATURDAY

Association of Pediatric Gastroenterology and Nutrition Nurses (APGNN)

511AD

- 7:30 AM - 8:00 AM **Registration/Breakfast**
- 8:00 AM - 8:30 AM **APGNN Business Meeting**
- 8:30 AM - 9:30 AM *UPDATE ON GI PHARMACOLOGY*
Kathleen M. Gura, PharmD, BCNSP, FASHP, FPPAG, FASPEN, Boston Children's Hospital
- Learning objectives:
- Discuss what agents can be used to treat functional abdominal pain
 - Compare and contrast strategies to manage functional bowel disorders, including irritable bowel syndrome and chronic constipation.
 - Describe emerging strategies in the management of pediatric IBD
- 9:30 AM - 11:00 AM *IBD A MULTI-DISCIPLINARY APPROACH*
- 9:30 AM - 10:00 AM *IBD, SEXUALITY AND PREGNANCY*
Nancy McGreal MD, Duke University Medical Center
- Learning objectives:
- Understand physical and psychosocial influences on sexuality in IBD
 - Understand the impact of IBD on reproductive health of men and women
- 10:00 AM - 10:30 AM *COMPREHENSIVE CARE CONSIDERATIONS IN PEDIATRIC INFLAMMATORY BOWEL DISEASE*
Amy Donegan MS, APN, Nationwide Children's Hospital
- Learning objectives:
- Describe at least 2 health maintenance topics that should be reviewed annually with all pediatric IBD patients.
 - Discuss 2 additional topics related to a comprehensive IBD evaluation.
- 10:30 AM - 11:00 AM *SEX, DRUGS AND ROCK 'n' ROLL: HEALTH-RISK BEHAVIOR SCREENING FOR ADOLESCENT IBD PATIENTS*
Rose Schroedl PhD, Nationwide Children's Hospital
- Learning objectives:
- Identify developmental factors which impact adolescent engagement in health-risk behaviors
 - Identify impact of health-risk behaviors have on adolescent psychosocial functioning
 - Identify impact of health-risk behaviors have on IBD
 - Identify strategies to screen adolescents with IBD for health-risk behaviors
- 11:00 AM - 11:15 AM **Break**
- 11:15 AM - 11:45 AM **Awards**
- 11:45 AM - 12:15 PM *RESEARCH SESSION – IMPLEMENTING NURSING RESEARCH: LESSONS LEARNED*
Heather Elser PhD, RN, NNP-BC, QOL Medical
Goldie Markowitz MSN, CRNP, Children's Hospital of Philadelphia
- Learning objectives:
- Identify questions to ask in supporting GI nursing practice and research
 - Describe the challenges and solutions in implementing nursing research
 - Discuss lessons learned by the Susan Moyer Research Grant applicants
- 12:15 PM - 1:30 PM **Lunch and Posters**



WCPHAN 2016



SATURDAY

1:30 PM - 3:00 PM POTPOURRI

1:30 PM - 2:00 PM TUBE WARS: A LONG TIME AGO IN A GALAXY FAR AWAY THERE WAS ONE
Millie Boettcher APN, Children's Hospital of Philadelphia

Learning objectives:

- Identify appropriate type of access device, enteral
- Manage complications of multiple types of access device
- Skin care management: caustic burn, leakage and granulation tissue

2:00 PM -2:30 PM INTRACTABLE CONSTIPATION
John T. Boyle MD, Children's Hospital of Philadelphia

Learning objectives:

- Understand the "phenotypes" of constipation
- Know the tools to assist in diagnosis and management of constipation
- Understand specialized treatment options based on phenotype

2:30 PM - 3:00 PM GASTROPARESIS
Jose Garza MD, Children's Center for Digestive Healthcare, Children's Healthcare of Atlanta

Learning objectives:

- Describe the signs and symptoms of patients with gastroparesis
- Understand differential diagnosis and work up
- Familiarize with treatment options in patients with gastroparesis

3:00 PM - 3:30 PM **Break**

3:30 PM - 5:00 PM FEEDING PROBLEMS A TEAM APPROACH

3:30 PM - 4:00 PM *THE ROLE OF THE APN IN AN INTERDISCIPLINARY FEEDING TEAM*
Robyn Robinson APN, CHOC Children's Specialists

Learning objectives:

- Describe at least three skills which uniquely qualify a GI NP for participation in an interdisciplinary feeding team
- List two common conditions a GI APN diagnoses and treats which significantly impact disordered feedings
- Identify 2-3 areas of nutritional intervention a GI NP would be likely to recommend to children with feeding problems

4:00 PM - 4:30 PM *BEHAVIORAL ASPECTS OF FEEDING PROBLEMS*
Maria Ramsay PhD, Montreal Children's Hospital

Learning objectives:

- Recognize the physiological causes of feeding problems in infants and young children
- Demonstrate how feeding problems trigger behavioral and interactional problems at mealtimes
- Understand treatment modalities

4:30 PM - 5:00 PM *BEYOND VITAMINS: MANAGING NUTRITIONAL RISK IN THE LOW APPETITE CHILD*
Abigail Brodovitch P.Dt. Montreal Children's Hospital

Learning objectives:

- Identify the multifactorial aspects of food refusal
- Become familiar with the collaborative approach to treatment used by the Montreal Children's Hospital's Pediatric Feeding Program's multi-disciplinary team
- Understand the Feeding Program's treatment philosophies and protocols (ex. Degavage) and the dietitian's role within the protocols

5:00 PM **Conference Wrap up**



WCPGH ANI 2018



SATURDAY

NASPGHAN/CPNP Nutrition Symposium

512CDGH

8:00 AM – 8:15 AM	Welcome Praveen Goday MBBS, CNSC, Chair NASPGHAN Nutrition Committee
8:15 AM – 9:45 AM	Motility
8:15 AM	<i>NEW TREATMENTS OR THERAPIES FOR UPPER GI MOTILITY DISORDERS</i> Carlo Di Lorenzo, MD, Professor of Pediatrics, Ohio State University Nationwide Children's Hospital Learning objectives: • Describe novel diagnostic tests for children with suspected motility disorders • Discuss pharmacological and non-medical treatment options for children with gastroparesis and pseudo-obstruction
8:45 AM	<i>"MOVING FORWARD" WITH CONSTIPATION MANAGEMENT: AN UPDATE</i> Khalil El-Chammas, MD, MS, Assistant Professor Pediatric Gastroenterology, Hepatology and Nutrition Cincinnati Children's Hospital and Medical Center, University of Cincinnati Learning objectives: • Briefly review the pathophysiology of constipation • Discuss the treatments of constipation
9:15 AM	<i>NUTRITIONAL ASPECTS IN MANAGING THE PATIENT WITH GASTROPARESIS</i> Carol Rees Parrish, MS, RD, Nutrition Support Specialist University of Virginia Health System, Digestive Health Center Learning objectives: • Identify patients at risk for gastroparesis • Devise nutritional treatment plan for the patient with gastroparesis
9:45 AM – 10:00 AM	Break
10:00 AM – 11:30 AM	Parenteral Nutrition
10:00 AM	<i>LONG-TERM EFFECTS OF PARENTERAL NUTRITION: THE ROLE OF LIPID EMULSIONS</i> Marialena Mouzaki, MD, MSc The Hospital for Sick Children Learning objectives: • Describe the key differences between lipid emulsions used in clinical practice • Synthesize the literature investigating the systemic effects of chronic exposure to lipid emulsions • Evaluate approaches to managing complications that are secondary to prolonged use of lipid emulsions
10:30 AM	<i>NUTRITIONAL MANAGEMENT OF SHORT BOWEL SYNDROME</i> Olivier Goulet, MD, PhD Professor of Pediatrics, Department of Pediatric Gastroenterology, Hepatology and Nutrition, Necker-Enfants Malades Hospital, Paris, France Learning objectives: • Review the basics of nutritional management of short bowel syndrome • Describe parenteral nutrition alterations that can help protect against long term complications of parenteral nutrition in short bowel syndrome • Describe management strategies that can be used to wean patients off parenteral nutrition in short bowel syndrome



WCPGHAN 2018



SATURDAY

11:00 AM

PARENTERAL NUTRITION IN 2016: TO WEAN OR NOT TO WEAN?

Kelly Tappenden, RD, PhD

Human Nutrition Endowed Professor, University of Illinois at Urbana-Champaign

Learning objectives:

- Describe the diagnostic criteria and treatment goals for patients with short bowel syndrome
- Outline the importance of driving intestinal rehabilitation in patients with short bowel syndrome
- Understand the latest therapeutic options available to patients with short bowel syndrome available

11:30 AM – 12:30 PM

Clinical Research Session

INFLUENCE OF DIETITIANS IN PREVENTING PARENTERAL NUTRITION PRESCRIPTION ERRORS IN A PEDIATRIC SETTING

Millie Garg¹, Michael Swab², Declan Gibney², Jennifer Cohen^{1,2}, Nitin Gupta², Chee (Keith) Y Ooi^{1,2}, ¹University of New South Wales, Randwick, New South Wales, Australia, ²Sydney Children's Hospital, Randwick, New South Wales, Australia

EARLY ADMINISTRATION OF PARENTERAL CHROMIUM ALLOWS FOR INCREASED GIR IN NEONATES

Kristin Capone, Timothy Sentongo, Dana Weinstein, Ellen Newton, Kristen Wroblewski, Hilary Jericho, Stacy Kahn, Ranjana Gokhale, Stefano Guandalini, University of Chicago Medicine Comer Children's Hospital, Contributing author, Chicago, IL, USA

BREASTFEEDING AMELIORATES DYSBIOSIS OF GUT MICROBIOTA IN INFANTS BORN BY C-SECTION

Yuichiro Yamashiro¹, Ravinder Nagpal¹, Hirokazu Tsuji², Takuya Takahashi², Koji Nomoto², Kazunari Kawashima³, Satoru Nagata⁴, ¹Juntendo University School of Medicine, Bunkyo-ku, Tokyo, Japan, ²Yakult Central Institute, Kunitachi, Tokyo, Japan, ³Gonohashi Obstetrics & Gynecology Hospital, Koto-ku, Tokyo, Japan, ⁴School of Pediatrics Medicine, Tokyo Women's Medical University, Shinjuku, Tokyo, Japan

VITAMIN D NON-SUFFICIENCY IS COMMON IN CHILDREN WITH CHRONIC INFLAMMATORY BOWEL DISEASE AND CHRONIC LIVER DISEASE IN A TROPICAL COUNTRY

Way Seah Lee, Way Seah Lee, Yee Yong Siow, Shin Yi Wong, Sik Yong Ong, Hee Wei Foo, Ruey Terng Ng, Yazid Jalaluddin, University Malaya, Kuala Lumpur, Malaysia

COW'S MILK ELIMINATION FOR TREATMENT OF EOSINOPHILIC ESOPHAGITIS: A PROSPECTIVE PEDIATRIC STUDY

Joshua B. Wechsler, Sally Schwartz, Pratibha G. Hotwagner, Melanie M. Makhija, Ronda Shaykin, Katie Amsden, Kristin Johnson, Maureen Sulkowski, Jessica Ross, Barry K. Wershil, Hector Melin-Aldana, Amir F. Kagalwalla, Ann & Robert H. Lurie Children's Hospital of Chicago and Northwestern University, Feinberg School of Medicine, John H. Stroger Hospital of Cook County, Chicago, IL, USA

THE EFFECTIVENESS OF THE IDENTIFICATION AND MANAGEMENT OF FEEDING DIFFICULTIES FOR CHILDREN (IMFED) PROTOCOL ON IMPROVING FEEDING DIFFICULTIES IN CHILDREN SEEN AT THE MEDICAL CITY CENTER FOR DEVELOPMENTAL PEDIATRICS FEEDING CLINIC

Christine Grace Pasana, Mary Jean Guno, The Medical City, Pasig, Philippines

12:30 PM – 1:30 PM

Lunch/Poster Sessions/Business meeting

1:30 PM – 2:45 PM

FOOD IN CHILDREN WITH FUNCTIONAL ABDOMINAL DISORDERS

Bruno Chumpitazi, MD, MPH

Director, Neurogastroenterology and Motility Program, Texas Children's Hospital

Assistant Professor of Pediatrics, Baylor College of Medicine

Kristi L. King, MPH, RDN, CNSC, LD

Senior Dietitian, Texas Children's Hospital

Clinical Instructor, Baylor College of Medicine, Dept. Pediatrics, Nutrition and GI

Learning objectives:

- Review impact and pathophysiology of foods in children with FAPD
- Review dietary interventions in children with FAPD

2:45 PM – 3:45 PM

Nutrition Measures in the Prevention of Allergy



SATURDAY

2:45 PM

INTRODUCTION OF COMPLEMENTARY FEEDING: LESSONS FROM ALLERGY AND CELIAC DISEASE STUDIES

Ranaan Shamir, MD, Chairman, Institute of Gastroenterology, Nutrition and Liver Diseases Schneider Children's Medical Center, Professor of Pediatrics, Sackler Faculty of Medicine, Tel Aviv University, Israel

Learning objectives:

- Complementary feedings guidelines should be updated based on recent evidence.
- For allergy, introduction at 4 months may be advantageous for some food items, while for celiac disease, the age of introduction may not have a sustained long term effect on disease prevalence.

3:15 PM

ARE WE ...LEAPing INTO AN EATIng... DISASTER? EARLY LIFE NUTRITION AND ALLERGY OUTCOMES

Carina Venter PhD RD, Research Associate/Dietitian
Cincinnati Children's Hospital Medical Center

Learning objectives:

- Current advice regarding introduction of food allergens and allergy prevention
- The nutritional and feeding implications of early introductions of allergens

3:45 PM – 4:00 PM

Break

4:00 PM – 5:00 PM

Stump the Expert Session

Praveen Goday MBBS, CNSC
Justine Turner, MD, PhD
Sally Schwartz, RD, CSP, LDN
Karen Warman, MS, RD



SATURDAY

Psychology Collaborative Group Program

520CF

- 8:30 AM – 10:15 AM **Psychology Collaborative Group Session I**
PRECISION MEDICINE IN PEDIATRIC FUNCTIONAL GASTROINTESTINAL DISORDERS (FGIDS)
Jennifer Schurman, PhD, ABPP, BCB, Children's Mercy Kansas City, MO, USA

TRANSITION TO ADULT CARE IN PEDIATRIC INFLAMMATORY BOWEL DISEASE
Michele Maddux, PhD, Children's Mercy Kansas City, MO, USA

LONG TERM MAINTENANCE OF G-TUBE WEANING AND NUTRITIONAL OUTCOMES FOLLOWING COMPLETION OF AN INTENSIVE FEEDING PROGRAM
Cindy Kim, PhD, ABPP and Shonda Brown, RD, Children's Hospital of Orange County, Orange, CA, USA
- 10:15 AM – 10:30 AM **Break**
- 10:30 AM – 12:15 PM **Psychology Collaborative Group Session II**

SCHOOL OUTCOMES IN CHILDREN WITH IBD AND FGIDS: HOME-BASED EDUCATION VS. TRADITIONAL SCHOOLING
Laura Mackner, PhD¹ & Amanda Deacy, PhD, BCB-A², ¹Nationwide Children's Hospital, Columbus, OH, USA, ²Children's Mercy, Kansas City, MO, USA

SHARED MEDICAL APPOINTMENTS IN FUNCTIONAL CONSTIPATION
Katie Lamparyk, PsyD, Cleveland Clinic, Cleveland, OH, USA

MEDICAL AND SOCIAL COMPLEXITY: NOVEL INTERVENTION FOR THE MOST DIFFICULT PEDIATRIC GI PATIENTS
Kimberly Spiro, PhD, Oregon Health & Science University, Portland, OR, USA
- 12:30 PM – 1:30 PM **Psychologists' Lunch**



SATURDAY

PLENARY SESSION V

8:00 AM – 9:30 AM

517ABC

Moderators: Richard Colletti, MD and Stefano Guandalini, MD

- 8:00 833. *PROSPECTIVE INCIDENCE, EARLY LIFE RISK FACTORS, AND THE ROLE OF THE MICROBIOME IN ALLERGIC PROCTOCOLITIS: THE GMAP STUDY*
Victoria J. Martin¹, Yamini V. Virkud¹, Hannah L. Seay¹, Caroline B. Southwick¹, Corinne A. Keet², Wayne G. Shreffler¹, Qian Yuan¹, ¹Massachusetts General Hospital, Boston, MA, USA, ²Johns Hopkins University School of Medicine, Baltimore, MD, USA
- 8:12 834. *WHEN 5-AMINOSALICYATES FAIL: ARE GUT MICROBES PART OF THE REASON?*
Arik Alper, Whitman B. Schofield, Michael Zimmermann, Andrew L. Goodman, Yale University, New Haven, CT, USA
- 8:24 **NASPGHAN Foundation/Nestlé Nutrition Young Investigator Development Award**
ROLE OF BILE ACIDS IN PREVENTING PARENTERAL NUTRITION-ASSOCIATED DISORDERS
Ajay Jain, MD, St. Louis University, St. Louis, MO, USA
- 8:36 **KEYNOTE ADDRESS**
CLINICAL TRIAL DESIGN IN THE FUTURE
J.P. Ioannidis MD, Professor of Medicine and of Health Research and Policy, Stanford University School of Medicine and Professor of Statistics, Stanford University School of Humanities and Sciences, Palo Alto, CA, USA
- Learning objectives:
1. To understand what are the features that make clinical research useful, including problem base, context placement, information gain, pragmatism, patient centeredness, value for money, feasibility, and transparency
 2. To understand to what extent current clinical research fails to satisfy these features and whether published clinical research is reliable
 3. To understand what are the best ways to improve the reliability and utility of clinical research including diverse research practices and the way that research is designed, communicated, evaluated and rewarded
- 9:06 **WILLIAM F. BALISTRERI PRIZE**
836. *EPITHELIAL BARRIER FUNCTION IN EOSINOPHILIC ESOPHAGITIS IS REGULATED BY HIF-1 α -CLAUDIN-1 AXIS*
Joanne Masterson¹, Kathryn A. Biette¹, Juliet A. Hammer¹, Nathalie Nguyen¹, Kelley E., Capocelli¹, Bejan Saeedi², Rachel Harris¹, Shahan D. Fernando³, Lindsay, Hosford¹, Caleb J. Kelly¹, Eric L. Campbell¹, Stefan Ehrentaut⁴, James J. Lee⁵, Eoin N. McNamee¹, Louise E. Glover¹, Sean P. Colgan¹, Glenn T. Furuta¹, ¹University of Colorado Denver, Aurora, CO, USA, ²Emory, Atlanta, GA, USA, ³Phoenix, AZ, USA, ⁴Bonn, Germany, ⁵Scottsdale, AZ, USA
- 9:18 **ENDOSCOPY PRIZE**
837. *A SIMULATION-BASED TRAINING CURRICULUM OF PROGRESSIVE FIDELITY AND COMPLEXITY IMPROVES CLINICAL COLONOSCOPY PERFORMANCE: A BLINDED, RANDOMIZED TRIAL*
Catharine M. Walsh¹, Michael A. Scaffidi², Ankit Garg², Ian S. Plener³, Tareq Alomani², Jeffrey J. Yu¹, Samir C. Grover², ¹Hospital for Sick Children and the Wilson Centre, Toronto, ON, Canada, ²St. Michael's Hospital, Toronto, ON, Canada, ³University of Toronto, Toronto, ON, Canada
- 9:30 AM – 10:00 AM **BREAK** **Exhibit Hall, Room 210**



WCPGHAN 2018

SATURDAY

CONCURRENT SESSION V

HEPATITS (VIRAL & AUTOIMMUNE): PATHOGENESIS AND MANAGEMENT

10:00 AM – 11:40 AM

510BD

Moderators: Mei Hwei Chang, MD and Neelam Mohan, MD

- 10:00 *RECENT ADVANCES IN HEPATITIS A*
Themis da Silveira, MD, Santo Antonio Hospital, Porto Alegre, Rio Grande Do Sul, Brazil
- Learning objectives:
1. Increase knowledge about the recent epidemiology. Most significant complications in patients (the extrahepatic manifestations are uncommon but severe)
 2. Best approaches to reduce infection (use of post-exposure HAV vaccination or prophylaxis with immunoglobulins in household contact with HAV)
 3. The value of saliva testing in diagnosing HAV
- 10:20 *HEPATITIS B: PATHOGENESIS, PREVENTION AND MANAGEMENT*
Yen-Hsuan Ni, MD, National Taiwan University, Taipei, Taiwan
- Learning objectives:
1. The success of the implementation of universal vaccination against HBV and how to amend the vaccine failure
 2. The current goals and options of HBV treatment
 3. A brief review of natural history of HBV infection
- 10:40 *CHRONIC HEPATITIS C IN CHILDREN: PERSPECTIVE OF NEW THERAPIES*
Stefan Wirth, MD, HELIOS Medical Center, Witten-Herdecke University, Wuppertal, Germany
- Learning objectives:
1. New treatment options for treatment of chronic hepatitis C
 2. Current status of trials with DAAs in children and adolescents
 3. Management of chronic hepatitis C for the next two years in terms of genotype and indication for treatment
- 11:00 *VIRAL HEPATITIS: HEPATITIS E AND OTHERS*
Neelam Mohan, MD, Medanta Medicity Hospital, Gurgaon, Haryana, India
- Learning objectives:
1. Burden/epidemiology of hepatitis E in children in the world
 2. Genotypes and its significance
 3. Spectrum of clinical manifestations and high risk group
 4. Immuno-compromised host and chronic hepatitis E
 5. Management & newer guidelines
 6. Vaccination – current scenario
- 11:20 *AUTOIMMUNE HEPATITIS*
Fernando Alvarez, MD, CHU Sainte-Justine, Montreal, QC, Canada
- Learning objectives:
1. Recognize known pathogenic mechanisms
 2. Decide on the most appropriate treatment
 3. Consider new therapies



SATURDAY

CONCURRENT SESSION V

COMMON TOPICS IN NEUROGASTROENTEROLOGY AND MOTILITY DISORDERS

10:00 AM – 11:40 AM

524ABC

Moderators: Christophe Faure, MD and José Cocjin, MD

10:00

USE OF PROBIOTICS IN NEUROGASTROENTEROLOGY

Silvia Salvatore, MD, University of Insubria, Varese, Italy

Learning objectives:

1. To show the plausibility of using probiotics in neuro-gut disorders
2. To critically review the current evidence on this topic
3. To highlight the potential benefit of specific strains and indicate future prospects

10:20

AUTISM AND OTHER NEURODEVELOPMENTAL PROBLEMS

Kara Gross Margolis, MD, Columbia University Medical Center, New York, NY, USA

Learning objectives:

1. To appreciate how clinical presentations of gastrointestinal distress can differ between children with autism and neurotypical children
2. To understand the data regarding key areas of controversy involved in gastrointestinal care for children with autism including vaccinations, the gluten- and casein-free diet and fecal transplant
3. To become informed about the active areas of research regarding gastrointestinal problems in children with autism spectrum disorders

10:40

IMPLICATIONS FOR MOTILITY TESTING

Nikhil Thapar, MD, UCL Institute for Child Health and Great Ormond Street Hospital, London, United Kingdom

11:00

ROME IV: WHAT IS NEW?

Carlo Di Lorenzo, MD, Nationwide Children's Hospital, Columbus, OH, USA

Learning objectives:

1. Discuss improvements made to the Rome III diagnostic criteria
2. Highlight the new functional gastrointestinal disorders introduced in Rome IV
3. Introduce the concept of the Multidimensional Clinical Profile for Functional Gastrointestinal Disorders

POST-SURGICAL NEUROGASTROENTEROLOGICAL ISSUES 11:20

Usha Krishnan, MD, Sydney Children's Hospital, Sydney, NSW, Australia

Learning objectives:

1. Understand the pathophysiology and management of complications of esophageal atresia after surgical therapy
2. Know the surgical treatment of ano-rectal malformations and potential complications and their management
3. Understand bariatric surgery options and post-operative complications and management
4. Understand the complications and their management after colectomy



SATURDAY

CONCURRENT SESSION V cont'd

GROWTH AND HEALTH

10:00 AM – 11:40 AM

511BE

Moderators: Barbara Golden, MD and Toshiaki Shimizu, MD

10:00 *POSTNATAL GROWTH OF INFANTS BORN SMALL FOR GESTATIONAL AGE: DESCRIPTION, PREDICTION, AND PRESCRIPTION*
Michael Kramer, MD, McGill University, Montreal, QC, Canada

Learning objectives:

1. Be familiar with the literature describing postnatal growth in small-for-gestational-age (SGA) infants from high-income country settings, including patterns and timing of catch-up growth and long-term nutritional outcomes
2. Understand how faulty methods of statistical analysis can bias (increase, reduce, or even reverse) associations between SGA birth and later nutritional and cardio-metabolic outcomes, and know how to recognize those methods
3. Appreciate the limitations of observational studies for inferring effects of potential nutritional interventions in SGA infants

10:20 *BORN PREMATURELY: NEW RISK FACTOR FOR CARDIOMETABOLIC DISEASES*
Anne Monique Nuyt, MD, CHU Sainte-Justine, Montreal, QC, Canada

Learning objectives:

1. To understand the influence of preterm birth on adult cardiovascular health
2. To be aware of developing literature on mechanisms linking premature birth and adult cardiovascular and metabolic health

10:40 *EARLY NUTRITION, GROWTH, AND LONG TERM IMPACT*
Berthold Koletzko, MD, Dr. von Hauner Children's Hospital, University of Munich Medical Center, Munich, Germany

Learning objectives:

1. To appreciate the impact of early nutrition on growth trajectories in infancy and early childhood
2. To apprehend the association of weight gain in the first two years of life and later obesity risk
3. To be conscious of the impact of breastfeeding and of protein supply in infancy on infant growth and childhood obesity

11:00 *DIETARY RESTRICTIONS AND AUTISM*
Kent Williams, MD, Nationwide Children's Hospital, Columbus, OH, USA

Learning objectives:

1. To learn of reasons why families implement special diets in children with autism
2. To learn of special diets commonly used in children with autism

11:20 *NEONATAL ANTECEDENTS TO ADULT DEGENERATIVE DISEASES*
Katherine Morrison, MD, McMaster University, Hamilton, ON, Canada

Learning objectives:

1. To understand the influence of perinatal exposures on adult health
2. To be aware of potential mechanisms linking adverse perinatal health and adult disease

This symposium is supported in part by an educational grant from Mead Johnson Nutrition



SATURDAY

CONCURRENT SESSION V cont'd

ALLERGIC DISEASES

10:00 AM – 11:40 AM

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Moderators: Nicola Jones, MD, PhD and Maria Del Carmen Toca, MD

- 10:00 *HYGIENE HYPOTHESIS: FACT OR FICTION*
Greg Sonnenberg, MD, Weill Cornell Medicine, New York, NY, USA
- Learning objectives:
1. What are ILCs?
 2. How do they maintain intestinal health and regulate interactions with intestinal microbiota?
 3. What is the function of ILC3s in the presence of adaptive immunity?
 4. How do ILCs change in pediatric IBD?
- 10:20 *NON-IGE MEDIATED GI FOOD ALLERGY: CLINICAL FEATURES AND BIOMARKERS*
Ichiro Nomura, MD, National Research Center for Child Health and Development, Tokyo, Japan
- Learning objectives:
1. Classify patients into relevant subgroups of non-IgE mediated GI food allergy; food-protein induced enterocolitis syndrome, etc.
 2. Establish diagnosis of non-IgE mediated GI food allergy
 3. Analyze patients' condition using several biomarkers
- 10:40 *FOOD ALLERGY 2016: CLINICAL TYPES OF FOOD PROTEIN-INDUCED ENTEROCOLITIS SYNDROME*
Barry Wershil, MD, Ann and Robert Lurie Children's Hospital, Chicago, IL, USA
- Learning objectives:
1. Define and differentiate the clinical types of protein-induced gastrointestinal conditions
 2. Recognize the utility and limitations of the most common diagnostic tests for protein-induced enterocolitis
 3. Be able to apply and interpret food elimination diets or provocative testing for the diagnosis and/or treatment of protein-induced gastroenteritis
- 11:00 *DIET, MICROBIOME AND EPIGENETICS AS POTENTIAL TARGETS FOR FOOD ALLERGY PREVENTION AND TREATMENT*
Roberto Berni Canani, MD, University Federico II, Naples, Italy
- Learning objectives:
1. To know the role of dietary factors and of gut microbiota on oral tolerance mechanisms
 2. To know the role of epigenetic mechanisms in the food allergy disease course
 3. To know the more recent evidence about the potential of innovative strategy to efficiently prevent and treat food allergy through a manipulation of dietary factors and of gut microbiota composition and function
- 11:20 *MICROARRAY ANALYSIS OF RECTAL BLEEDING: IS IT AN ALLERGIC DISEASE?*
Yoshikazu Ohtsuka, MD, Juntendo University Faculty of Medicine, Tokyo, Japan
- Learning objectives:
1. To understand the clinical features of FPIP and NTEC
 2. To understand the mechanisms of FPIP and NTEC from the viewpoint of the allergy and the development of mucosal immune system

This symposium is supported in part by an educational grant from Mead Johnson Nutrition



SATURDAY

CONCURRENT SESSION V cont'd

INFLAMMATORY BOWEL DISEASE

10:00 AM – 11:37 AM

517D

Moderators: Harland Winter, MD and Marina Orsi, MD

- 10:00 838. *LONGITUDINAL CHANGES IN GUT MICROBIOTA IN PEDIATRIC CROHN'S DISEASE (CD)*
Shivani Kansal¹, Shivani Kansa¹, Anthony Catto Smith², Michael Buckley³, Karen Boniface⁴, Sarah Thomas⁴, Don Cameron¹, Mark Oliver¹, George Alex¹, Carl Kirkwood⁵, Josef Wagner⁶, ¹Royal Children's Hospital, Parkville, Victoria, Australia, ²Lady Cilento Children's Hospital, Brisbane, Queensland, Australia, ³CSIRO, Sydney, NSW, Australia, ⁴MCRI, Parkville, Victoria, Australia, ⁵Bill and Melinda Gates Foundation, Seattle, WA, USA, ⁶The Wellcome Trust Sanger Institute, Hixton, Cambridge, UK
- 10:12 839. *MUCOSAL HEALING IN PEDIATRIC PATIENTS WITH MODERATE-TO-SEVERE LUMINAL CROHN'S DISEASE UNDER COMBINED IMMUNOSUPPRESSION: ESCALATION VERSUS EARLY TREATMENT*
Ben Kang¹, Yon Ho Choe¹, So Yoon Choi¹, Hye Seung Kim¹, Kyunga Kim¹, Yoo Min Lee², ¹Samsung Medical Center, Seoul, South Korea, ²Kyung Hee University Graduate School of Medicine, Seoul, South Korea
- 10:24 840. *A NOVEL PERSONALIZED DOSING CALCULATOR FOR OPTIMIZED INFLIXIMAB THERAPY IN INFLAMMATORY BOWEL DISEASE*
Travis Piester, KT Park, Adam Frymoyer, Stanford University, Palo Alto, CA, USA
- 10:36 **STATE OF THE ART LECTURE**
WILL PERSONALIZED IBD TREATMENT BECOME A REALITY
Marla Dubinsky MD, Icahn School of Medicine at Mount Sinai, New York, NY, USA
- Learning objectives:
1. Identify risk factors for disease progression
2. Apply therapeutic drug monitoring to clinical practice
3. Manage treatment decisions based on disease risk
- 11:01 841. *INCREASED MUCOSAL TYPE 2 AND TYPE 17 GENE EXPRESSION DISTINGUISHES ULCERATIVE COLITIS FROM COLITIS-ONLY CROHN'S DISEASE IN TREATMENT-NAÏVE PEDIATRIC PATIENTS*
Michael J. Rosen^{1,4}, Rebekah Karns^{1,4}, Jefferson E. Vallance^{1,4}, Ramona Bezold^{1,4}, Amanda Waddell^{1,4}, Yael Haberman^{2,4}, Phillip Minar^{1,4}, Keith T. Wilson^{3,4}, Simon P. Hogan^{1,4}, Lee A. Denson^{1,4}, ¹Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA, ²Sheba Medical Center, Tel Hashome, Israel, ³Vanderbilt University Medical Center, Nashville, TN, USA, ⁴Pediatric RISK Stratification Study Group, Crohn's & Colitis Foundation of America, NY, NY, USA
- 11:13 842. *MULTICENTER EXPERIENCE OF VEDOLIZUMAB EFFECTIVENESS IN PEDIATRIC INFLAMMATORY BOWEL DISEASE*
Namita Singh¹, Shervin Rabizadeh¹, Jacqueline Jossen², Nanci Pittman², Morgan Check¹, Ghonche Hashemi², Becky L Phan², Jeffrey S. Hyams³, Marla C Dubinsky², ¹Cedars-Sinai Medical Center, Los Angeles, CA, USA, ²Mount Sinai Hospital, New York, NY, USA, ³Connecticut Children's Medical Center, Hartford, CT, USA
- 11:25 843. *EFFICACY OF THALIDOMIDE THERAPY AND ITS EFFECT ON MUCOSAL ANGIOGENESIS IN PEDIATRIC PATIENTS WITH CROHN'S DISEASE*
Lin Wang, Ying Huang, Ying Zhou, Ying-kit Leung, Children's Hospital of Fudan University, Shanghai, Shanghai, China



SATURDAY

POSTER SESSION III

Exhibit Hall – Room 210

12:00 PM – 2:00 PM

Presenters at posters from 12:30 PM – 1:30 PM

*Poster of Distinction

Poster	Abstract	CELIAC AND OTHER LUMINAL DISORDERS
1-22		<i>APGNN posters, please see F-12/13</i>
23	844	MICROVILLOUS INCLUSION DISEASE (MVID): A REGIONAL CENTRE EXPERIENCE Arun Urs, Anjum Grewal, Marta Cohen, Prithviraj Rao, Sally Connolly, Priya Narula, Mike Thomson, David Campbell, Sheffield Children's Hospital NHS Foundation Trust, Sheffield, South Yorkshire, UK
24	845	BLUE RUBBER BLEB NEVUS SYNDROME IN A CHILD WITH CELIAC DISEASE Catalina Jaramillo, John Pohl, Fiorella Iglesias, Hassan Yaish, Primary Children's Hospital, University of Utah, Salt Lake City, UT, USA
25	846	CLOSTRIDIUM DIFFICILE COLITIS COMPLICATING KAWASAKI DISEASE IN CHILDREN: TWO CASE REPORTS. Chaowapong Jarasvaraparn, David A. Gremse, Maria Belen Rojas Gallegos, Haidee Custodio, University of South Alabama, Mobile, Alabama, USA
26	847	PEDIATRIC PHENOTYPE OF COLLAGENOUS GASTRITIS I. Irastorza ¹ , C. Gutierrez ² , C. González ² , M. Saiz ¹ , E. Aznal ³ , C. Tutau ¹ , L. Borja ³ , M. Legarda ¹ , F. Sánchez, ¹ Hospital Universitario Cruces. EHU-UPV, Barakaldo, Spain, ² Hospital Universitario Puerta de Hierro, Madrid, Spain, ³ Hospital de Navarra, Pamplona, Spain
27	848	SOCIAL MEDIA IN CELIAC PAEDIATRIC DISEASE: OPPORTUNITIES SINCE PRIMARY CARE PEDIATRIC Isabel Soledad Casas Gallegos ¹ , Joana Carbonell Torremorell ² , Vanesa Fernández Díaz ² , Vicente Morales Hidalgo ² , Karla Chavez Caraza ³ , ¹ Pediatric Gastroenterologic Unit Alt Penedes, Barcelona, Spain, ² Primary Care Pediatric Vilafranca del Penedes, Barcelona, Spain, ³ Escuela de Medicina, Tecnológico de Monterrey, Monterrey, Nuevo Leon, Mexico
28	849	INTRAMURAL DUODENAL HEMATOMA IN THE SETTING OF HENOCCH-SCHÖNLEIN PURPURA Joyce Varkey, Akash Pandey, Natasha Bamji, Kristina Melchert, Praveen Chander, Judah Goldschmiedt, Maria Fareri Children's Hospital at Westchester Medical Center, Valhalla, NY, USA
29	850	ALLERGIC PROTEIN LOSING ENTEROPATHY: NEW INSIGHTS ON DIAGNOSIS AND TREATMENT Katherine Baldwin, Paul Hesterberg, Jess Kaplan, Massachusetts General Hospital for Children, Boston, MA, USA
30	851	BEHCET'S DISEASE WITH MULTIPLE SPLENIC ABSCESES IN A CHILD Kyung In Lim, Eell Ryoo, Dong Hwa Yang, Gachon University, Gachon Children's Hospital, Incheon, South Korea,
31	852	SEVERE PROTEIN-LOSING ENTEROPATHY CAUSED BY CONSTRICTIVE PERICARDITIS Neetu Bali ¹ , Jorge H. Vargas ¹ , Elizabeth A. Marcus ^{1,2} , ¹ David Geffen School of Medicine at UCLA, Los Angeles, CA, USA, ² VA Greater Los Angeles Health Care System, Los Angeles, CA, USA
32	853	INTUSSUSCEPTION AS A COMPLICATION OF CELIAC DISEASE John Mark Stone, Robert Dillard, University of Kentucky Dept of Pediatrics, Lexington, KY, USA
33	854	FATIGUE AS THE ONLY PRESENTING SYMPTOM OF CELIAC DISEASE Sana Merchant, Shilpa Sood, Stuart Berezin, Westchester Medical Center - NY Medical College, Valhalla, NY, USA
34	855	PRIMARY ADRENAL INSUFFICIENCY PRESENTING AS CHRONIC ABDOMINAL PAIN, NAUSEA, AND VOMITING IN AN ADOLESCENT Stephanie Bachi de Castro Oliveira ¹ , Lauren Dehan ² , Michael J. Rosen ¹ , ¹ Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA, ² University of Cincinnati, Cincinnati, OH, USA



WCPGH 2018



SATURDAY

Poster	Abstract	CELIAC AND OTHER LUMINAL DISORDERS
35	856	<i>THE QUEST FOR GIST, A RARE CAUSE OF ACUTE ON CHRONIC GI BLEEDING IN CHILDREN</i> Walaa Elfar, Prita Mohanty, Christina Granato, Sachica Chervis, Vivek Kaul, Shivangi Kothari, University of Rochester, Rochester, NY, USA
36	857	<i>FECAL GLUTEN IMMUNOGENIC PEPTIDES (GIP) REVEAL LIMITATIONS OF SEROLOGICAL TESTS AND FOOD QUESTIONNAIRES FOR MONITORING GLUTEN-FREE DIET IN CELIAC DISEASE PATIENTS</i> Alfonso Rodriguez-Herrera ^{1,6} , Isabel Comino ^{2,6} , Angel Cebolla ^{3,6} , Fernando Fernández-Bañares ^{4,6} , Luis Ortigosa ^{5,6} , Carolina Sousa ^{2,6} , ¹ Instituto Hispalense de Pediatría, Sevilla, Spain, ² Faculty of Pharmacy, University of Seville, Sevilla, Spain, ³ Biomedal SL, Sevilla, Spain, ⁴ Hospital Universitari Mutua Terrassa, and CIBERehd, Terrassa, Barcelona, Spain, ⁵ Hospital Universitario Nuestra Señora de La Candelaria, Tenerife, Spain, ⁶ The DELIAC Cooperative Task Force, Spain
37	858	<i>ANTHROPOMETRIC MEASURES AND PREVALENCE TRENDS IN ADOLESCENTS WITH CELIAC DISEASE: A POPULATION BASED CROSS SECTIONAL STUDY</i> Amit Assa ¹ , Yael Frenkel Nir ² , Ya'ara Leibovici-Weissman ³ , Lior Katz ² , Zohar Levi ³ , Raanan Shamir ¹ , ¹ Institute of Gastroenterology, Nutrition and Liver Disease, Schneider Children's Medical Center, Petach Tikva, Israel, ² Medical Corps, Israeli Defense Force, Ramat Gan, Israel, ³ Institute of Gastroenterology, Rabin Medical Center-Beilinson Campus, Petach Tikva, Israel
38	*859	<i>HAPTOGLOBIN-2 GENE EXPRESSION IN CELIAC DISEASE, NON CELIAC GLUTEN SENSITIVITY AND TYPE 1 DIABETIC PATIENTS</i> Rachel Horta Freire ¹ , Anna Sapone ² , Craig Sturgeon ¹ , Stephanie Camhi ¹ , Patel Shilpi ¹ , Maureen M Leonard ¹ , Alessio Fasano ¹ , ¹ Mucosal Immunology and Biology Research Center/Center for Celiac Disease, Massachusetts General Hospital (MGH) Harvard Medical School, Boston, MA, USA, ² Celiac Center, Department of Medicine, Beth Israel Deaconess Medical Center and Harvard Medical School, Boston, MA, USA
39	860	<i>PREVALENCE OF CELIAC DISEASE AND USE OF ANTI-TISSUE TRANSGLUTAMINASE (TTG) ANTIBODIES AMONG CHILDREN WITH IBD</i> Arik Alper, Danilo Rojas Velasquez, Dinesh Pashankar, Yale University, New Haven, CT, USA
40	*861	<i>A COMBINED GENETIC-EPIGENETIC STRATEGY FOR IDENTIFYING CELIAC DISEASE SUSCEPTIBILITY LOCI</i> Arunjot Singh, Catherine Do, Govind Bhagat, Peter H. Green, Joel E. Lavine, Benjamin Tycko, Columbia University Medical Center, New York, NY, USA
41	862	<i>HLA TYPING IN HEALTHY AND DIABETIC CHILDREN WITH CELIAC DISEASE IN CALI, COLOMBIA</i> Carlos Velasco, Claudia Ortiz, Angeles Ruiz, Universidad de Granada, Granada, Spain
42	*863	<i>EARLY GROWTH IN CHILDREN WITH CELIAC DISEASE: A PROSPECTIVE COHORT STUDY</i> Christian Riddervold Kahrs ¹ , Maria C. Magnus ² , Knut E. A. Lundin ³ , Ketil Størdal ² , ¹ Østfold Hospital Trust, Grålum, Norway, ² Division of Epidemiology, Norwegian Institute of Public Health, Oslo, Norway, ³ Oslo University Hospital Rikshospitalet, Oslo, Norway & Centre for Immune Regulation, University of Oslo, Oslo, Norway
43	864	<i>HOW WELL ARE PEDIATRIC CELIAC PATIENTS FOLLOWED? A RETROSPECTIVE LOOK AT A LARGE PEDIATRIC CELIAC DISEASE CENTER</i> Crystal Castaneda, Ankur Chugh, Stefano Guandalini, University of Chicago, Comer Children's Hospital, Chicago, IL, USA
44	865	<i>WATERMELON JUICE - NOVEL METHOD OF PREVENTING SMALL BOWEL MICROBIAL OVERGROWTH IN PATIENTS WITH LONG-TERM GASTROJEJUNAL TUBES</i> Bijal Mehta ¹ , Chirajyoti Deb ² , Elizabeth Felix ² , Karoly Horvath ² , ¹ Winter Park High School, Orlando, FL, USA, ² Arnold Palmer Hospital for Children, Orlando, FL, USA
45	866	<i>DO HISPANIC CHILDREN WITH CELIAC DISEASE PRESENT DIFFERENTLY THAN NON-HISPANIC CHILDREN WITH CELIAC DISEASE?</i> Marcelo Lacayo-Baez ¹ , Eduardo Rosas Blum ¹ , Sherief Mansi ¹ , Chelsie Hollas ^{1,2} , Claire Zeorlin ^{1,2} , Geri Villanueva ^{1,2} , ¹ Texas Tech University Health Sciences Center, El Paso, El Paso, TX, USA, ² Paul L. Foster School of Medicine, El Paso, TX, USA



SATURDAY

Poster	Abstract	CELIAC AND OTHER LUMINAL DISORDERS
46	867	<i>OATS IN THE DIET OF CHILDREN WITH CELIAC DISEASE: A DOUBLE-BLIND, RANDOMIZED, PLACEBO-CONTROLLED MULTICENTER STUDY</i> Elena Lionetti, Simona Gatti, Nicole Caporelli, Tiziana Galeazzi, Ruggiero Francavilla, Maria Barbato, Paola Roggero, Basilio Malamisura, Giuseppe Iacono, Andrea Budelli, Rosaria Gesuita, Carlo Catassi, Marche Polytechnic University, Ancona, Italy
47	868	<i>CELIAC DISEASE SCREENING IN ASYMPTOMATIC TYPE 1 DIABETES MELLITUS PATIENTS ACROSS NORTH AMERICA AND EUROPE</i> Emmanuëlle Paul, Brigitte Moreau, Diane Rottembourg, University of Sherbrooke, Sherbrooke, QC, Canada
48	869	<i>DESCRIPTIVE POPULATION BASED STUDY OF CELIAC DISEASE IN A NORTH AMERICAN PEDIATRIC POPULATION</i> Imad Absah, Eyad Almallouhi, Katherine S King, Joseph Murray, Mayo Clinic, Rochester, MN, USA
49	870	<i>FREQUENCY OF CELIAC DISEASE IN CHILDREN PRESENTED WITH LIVER DISEASE AT A TERTIARY CARE CENTER</i> Faika Hussain, ASM Bazlul Karim, Kaniz Sultana, Syeda Afria Anwar, Nadira Musabbir, Ariful Haque, Sadika Kadir, Farhana Yasmin, Bangabandhu Sheikh Mujib Medical University, Dhaka, Bangladesh
50	871	<i>NEW PATHOLOGICAL CONSIDERATIONS FOR CELIAC DISEASE</i> Harpreet Kaur Bilkhoo, Natalie Patey, Thierry Ducruet, Valérie Marchand, Colette Deslandres, Anissa Djemli, Dorothée Dal Soglio, CHU Sainte-Justine, Montreal, QC, Canada
51	872	<i>SERUM AUTOANTIBODIES FOR COELIAC DISEASE MONITORING IN CHILDREN</i> Beata Acs ^{1, 2} , Alina Popp ^{1, 2} , Iulia Enache ³ , Vasile Daniel Balaban ^{1,3} , Nicoleta Lacatus ² , Mariana Jinga ^{1,3} , Catalina Bardas ² , ¹ Carol Davila University of Medicine and Pharmacy, Bucharest, Romania, ² National Institute for Mother and Child Health, Bucharest, Romania, ³ Central University Emergency Military Hospital, Bucharest, Romania
52	873	<i>ASSOCIATION BETWEEN CYP2C19 EXTENSIVE METABOLIZER PHENOTYPE AND pH PROBE-TESTING ACID EXPOSURE OUTCOMES IN CHILDREN TAKING PROTON PUMP INHIBITOR MEDICATIONS</i> JP Franciosi ¹ , Edward Mougey ² , RA Gomez-Suarez ¹ , A. Williams ² , D. Corao ³ , J.J. Lima ² , ¹ Nemours Children's Health System, Orlando, FL, USA, ² Nemours Children's Health System, Jacksonville, FL, USA, ³ Nemours Children's Health System, Wilmington, DE, USA
53	874	<i>CELIAC DISEASE SCREENING IN THE ASYMPTOMATIC PEDIATRIC POPULATION: PARENTS' AND ADOLESCENTS' PERSPECTIVES</i> Jasmine Blais-Carrière, Brigitte Moreau, Université de Sherbrooke, Sherbrooke, QC, Canada
54	875	<i>DEVELOPMENT OF THE STANDARDIZED DIETITIAN INTEGRATED EVALUATION TOOL FOR GLUTEN-FREE DIETS (DIET-GFD)</i> Jocelyn Silvester ^{1,2} , Dayna Weiten ³ , Kathy Green ⁴ , Lisa Rigaux ⁴ , St Boniface Hospital, Winnipeg, MB, Canada, Kari Duerksen ⁵ , Kaitlyn Wilkey ² , John Walker ¹ , Lesley Graff ¹ , Donald Duerksen ¹ , ¹ University of Manitoba, Winnipeg, MB, Canada, ² Harvard Celiac Disease Program, Boston, MA, USA, ³ Grace General Hospital, Winnipeg, MB, Canada, ⁴ St. Boniface Hospital, Winnipeg, MB, Canada, ⁵ University of Saskatchewan, Saskatoon, SK, Canada
55	*876	<i>A CELIAC GENETIC RISK SCORE IS A HIGHLY DISCRIMINATIVE "RULE OUT" DIAGNOSTIC TEST</i> Justine M. Turner ¹ , Samuel E Jones ² , Patricia Campbell ³ , Anne Halpin ³ , Christine Yamniuk ³ , Michael N Weedon ² , Richard A Oram ² , ¹ University of Alberta, Edmonton, AB, Canada, ² Biomedical and Clinical Sciences, University of Exeter Medical School, Exeter, Devon, UK, ³ Histocompatibility Laboratory, University of Alberta Hospital, Edmonton, AB, Canada,
56	877	<i>CHARACTERIZING EPCAM GENE MUTATIONS CAUSING TUFTING ENTEROPATHY IN QATAR</i> Kamal Hassan, Zafar Nawaz, Atim Abdelrahman, Eman Hamid, Fatma Al-Medaihi, Khalid Abu Hasima, Wesam Almasri, Mahla Daryae, Rana Shawish, Muzammil Khan, Hamad Medical Corporation, Doha, Qatar



SATURDAY

Poster	Abstract	CELIAC AND OTHER LUMINAL DISORDERS
57	878	<i>AN ANALYSIS OF GASTROINTESTINAL BLOOD FLOW WITH DOPPLER ULTRASONOGRAPHY IN CHILDREN WITH FOOD PROTEIN-INDUCED ENTEROPATHY</i> Keisuke Jimbo ¹ , Nobuyasu Arai ¹ , Reiko Kyoudo ¹ , Masamichi Sato ¹ , Eri Miyata ¹ , Kenji Hosoi ¹ , Seiichi Matsumura ¹ , Naho Ohbayashi ¹ , Tamaki Ikuse ¹ , Yo Aoyagi ¹ , Tohru Fujii ¹ , Takahiro Kudo ¹ , Nobuyoshi Asai ² , Yoshikazu Ohtsuka ¹ , Tatsuo Kono ³ , Toshiaki Shimizu ¹ , ¹ Juntendo University Faculty of Medicine, Tokyo, Japan, ² Ibaraki Children's Hospital, Mito, Ibaraki, Japan, ³ Tokyo Metropolitan Children's Medical Center, Tokyo, Japan
58	879	<i>MATERNAL AND NEONATAL VITAMIN D STATUS IN RELATION TO CELIAC DISEASE</i> Ketil Størdal ¹ , Karl Mårild ¹ , German Tapia ¹ , Margareta Haugen ¹ , Sandra Rinne Dahl ² , Arie Cohen ³ , Marika Lundqvist ³ , Benedicte A Lie ⁴ , Lars Christian Stene ¹ , ¹ Norwegian Institute of Public Health, Oslo, Norway, ² Oslo University Hospital, Oslo, Norway, ³ Statens Seruminstitut, Copenhagen, Denmark, ⁴ University of Oslo, Oslo, Norway
59	880	<i>CELIAC DISEASE: NOT JUST DUODENAL DAMAGE AND LOW BMI</i> Khaled Bittar, Nishant Patel, Desiree Rivera-Nieves, Yamen Smadi, Karoly Horvath, University of Florida, Orlando Health, Arnold Palmer Hospital for Children, Orlando, FL, USA
60	881	<i>TRANSFORMING THE CARE OF CHILDREN WITH COELIAC DISEASE</i> Kim Herbison ¹ , Amy Kostrzewski ¹ , Helen Evans ¹ , Paul Birch ² , Barnett Bond ² , Carl Sutherland ³ , Simon Chin ¹ , ¹ Starship Children's Hospital, Auckland, New Zealand, ² Auckland District Health Board, Auckland, New Zealand, ³ Coeliac New Zealand, Auckland, New Zealand
61	*882	<i>ENHANCED SURVIVAL FOLLOWING ORAL AND SYSTEMIC INFECTION WITH SALMONELLA TYPHIMURIUM INFECTION IN POLYMERIC IMMUNOGLOBULIN RECEPTOR KNOCKOUT MICE</i> Kristina Betz ^{1,2} , Elizabeth Maier ^{1,2} , Surya Amarachintha ¹ , David Wu ¹ , Erik Karmele ^{1,2} , Jeremy Kinder ^{1,2} , Kris Steinbrecher ¹ , Monica McNeal ¹ , Simon Hogan ¹ , Sean Moore ¹ , ¹ Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA, ² University of Cincinnati, Cincinnati, OH, USA
62	883	<i>OBSERVATIONAL STUDY ON THE CLINICAL OUTCOMES OF TREATMENT WITH AN EXTENSIVELY HYDROLYZED WHEY-BASED FORMULA IN INFANTS WITH COW'S MILK PROTEIN ALLERGY</i> Lady Katherine Mejía Pérez ¹ , Jose Fernando Vera Chamorro ^{2,3,4} , Natalia Ramírez Rodríguez ² , Laura Camila Zuluaga Velásquez ^{2,4} , ¹ Mayo Clinic; PediAFe Research Group, Jacksonville, FL, USA, ² Faculty of Medicine, Universidad de los Andes, Bogotá, D.C., Colombia, ³ Hospital Universitario Fundación Santa Fe de Bogotá; ⁴ PediAFe Research Group, Bogotá, Bogotá D.C., Colombia
63	884	<i>ASSESSMENT OF CELIAC SEROLOGY TESTING IN LOCAL CONNECTICUT LABORATORIES</i> Leina Alrabadi, Anthony Porto, Yale University - Pediatric Gastroenterology, New Haven, CT, USA
64	*885	<i>THE CORRELATION BETWEEN THYMIC STROMAL LYMPHOPOIETIN RISK ALLELES AND FOOD ALLERGEN DISEASE TRIGGERS IN PEDIATRIC PATIENTS WITH EOSINOPHILIC ESOPHAGITIS</i> Lisa Fahey, Shaobo Guan, Chris Liacouras, Jonathan Spergel, Hakon Hakonarson, Patrick Abou-Sleiman, Antonella Cianferoni, The Children's Hospital of Philadelphia, Philadelphia, PA, USA
65	886	<i>SINGLE-CENTER EXPERIENCE WITH FRUCTOSE MALABSORPTION</i> Luz Helena Gutierrez, Mirza Beg, SUNY Upstate Medical University, Syracuse, NY, USA
66	887	<i>ESOPHAGEAL DISTENSIBILITY AS A PREDICTOR OF CLINICAL PHENOTYPE IN PEDIATRIC PATIENTS WITH EOSINOPHILIC ESOPHAGITIS</i> Maheen Hassan ^{1,2} , Hayat Mousa ^{1,2} , Seema Aceves ¹ , ¹ University of California-San Diego, San Diego, CA, USA, ² Rady Children's Hospital, San Diego, CA, USA
67	888	<i>TISSUE TRANSGLUTAMINASE AUTOANTIBODIES IN CHILDREN WITH NEWLY DIAGNOSED TYPE 1 DIABETES ARE RELATED TO HLA BUT NOT TO DIABETES AUTOANTIBODIES: A SWEDISH NATIONWIDE PROSPECTIVE POPULATION-BASED COHORT STUDY</i> Mara Cerqueiro Bybrant ¹ , Eva Örtqvist ¹ , Annelie Carlsson ² , Sten Ivarsson ² , ¹ Karolinska Institutet, Stockholm, Sweden, ² Lund's University, Lund, Sweden



SATURDAY

Poster	Abstract	CELIAC AND OTHER LUMINAL DISORDERS
68	889	<i>CREATION OF CELIAC BENCHMARKS: THE FIRST STEP IN PRE-TRANSITION SELF-MANAGEMENT ASSESSMENT</i> Maya DeGroote ¹ , Jennifer Kearney ² , Janis Arnold ¹ , Dascha Weir ¹ , Laurie N Fishman ¹ , ¹ Boston Children's Hospital, Boston, MA, USA, ² Emerson College, Boston, MA, USA
69	890	<i>MANAGEMENT AND PRESENTATION OF COELIAC DISEASE IN A DISTRICT GENERAL HOSPITAL</i> Mirajkar Suresh-Babu, Priyha Santhanam, Manorama Gadde, Lincoln County Hospital, Lincoln, Lincolnshire, UK
70	891	<i>CELIAC DISEASE: EVOLUTION OF THE EPIDEMIOLOGICAL PROFILE OVER THE LAST DECADE</i> Siala Nadia, Khlayfia Zied, Ouerda Hayfa, Fetni Ilhem, Ben Hariz Mongi, Maherzi Ahmed, Mongi Slim Hospital, Sidi Daoud, La Marsa, Tunisia
71	892	<i>GASTROINTESTINAL AND EXTRAINTESTINAL MANIFESTATIONS OF CELIAC DISEASE: EFFECTIVENESS OF THE GLUTEN FREE DIET</i> Naïre Sansotta, Hilary Jericho, Amirikian Karine, Stefano Guandalini, Celiac Disease Center, University of Chicago, Chicago, IL, USA
72	893	<i>IRON STATUS IN PEDIATRIC CELIAC DISEASE: A RETROSPECTIVE REVIEW</i> Jelena Popov ¹ , Mina Baldawi ¹ , Michelle Gould ² , Heather Mileski ² , Herbert Brill ² , Nikhil Pai ¹ , ¹ McMaster University, Hamilton, ON, Canada, ² University of Toronto, Toronto, ON, Canada
73	894	<i>SHOULD WE ASSESS VITAMIN D STATUS IN PEDIATRIC PATIENTS WITH CELIAC DISEASE?</i> Rajni Ahlwat ¹ , Toba Weinstein ¹ , James Markowitz ¹ , Nina Kohn ² , Micheal J Pettei ¹ , ¹ Steven and Alexandra Cohen Children's Medical Center, Northwell Health, Lake Success, NY, USA, ² Feinstein Institute of Medical Research, Northwell Health, NY, Manhasset, NY, USA
74	895	<i>A COMPARISON OF HEALTH-RELATED QUALITY OF LIFE IN YOUTH WITH CELIAC DISEASE VERSUS A GENERAL GI SAMPLE</i> Rose Schroedl, Mary Shull, Tracy Ediger, Nationwide Children's Hospital, Columbus, OH, USA
75	896	<i>DISEASE BURDEN OF EOSINOPHILIC ESOPHAGITIS: A SYSTEMATIC REVIEW OF THE EPIDEMIOLOGY, AND HUMANISTIC AND ECONOMIC BURDEN IN CHILDREN AND ADOLESCENTS</i> Vincent Mukkada ¹ , Nicholas Shaheen ² , Gary Falk ³ , Christian Eichinger ⁴ , Helen Schofield, PharmaGenesis London, London, UK, Denise King ⁴ , Lora Todorova ⁵ , ¹ Cincinnati Children's Hospital Medical Center, University of Cincinnati College of Medicine, Cincinnati, OH, USA, ² University of North Carolina School of Medicine, Chapel Hill, NC, USA, ³ University of Pennsylvania Perelman School of Medicine, Philadelphia, PA, USA, ⁴ PharmaGenesis London, London, UK, ⁵ Shire, Zug, Switzerland
76	897	<i>THE ASSOCIATION BETWEEN CELIAC DISEASE AND EOSINOPHILIC ESOPHAGITIS: MAYO CLINIC EXPERIENCE AND META-ANALYSIS OF THE LITERATURE</i> Salim Hommeida, Mouaz Alsawas, Mohammad Hassan Murad, Rayna Grothe, Imad Absah, Mayo Clinic College of Medicine, Rochester, MN, USA
77	898	<i>HLA CLASS I AND II POLYMORPHISMS STUDY IN CELIAC DISEASE TUNISIAN CHILDREN</i> Samir Boukthir ¹ , Tarak Dhaouadi ² , Ines Sassi ² , Imen Sfar ² , Asma Bouaziz ³ , Mouna Makhlof ² , Taieb Ben Abdallah ² , Yousr Gorgi ² , ¹ Research unit ¹² SP 09, Tunis, Tunisia, ² Lab of research 03 SP 01, Tunis, Tunisia, ³ Ben Arous' Hospital, Ben Arous, Tunis, Tunisia
78	899	<i>SHOULD THE NEW ESPGHAN GUIDELINES ON DIAGNOSING COELIAC DISEASE BE MODIFIED TO APPLY TO ASYMPTOMATIC CHILDREN?</i> Bhupinder Sandhu, Siba Paul, Bristol Royal Hospital for Children, Bristol, Avon, UK
79	900	<i>GENETIC PREDISPOSITION TO CELIAC DISEASE AND ORAL HEALTH: IS THERE AN ASSOCIATION? PRELIMINARY RESULTS OF A LARGE ITALIAN SCREENING IN CHILDREN</i> Simona Gatti, Anil K Verma, Alessandra Palpacelli, Roberta Annibali, Giada Del Baldo, Chiara Monachesi, Marco Mascitti, Andrea Santarelli, Tiziana Galeazzi, Elena Lionetti, Carlo Catassi, Università Politecnica delle Marche, Ancona, Italy, Ancona, Italy



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80	*901	<i>MODE OF DELIVERY AND RISK OF COELIAC DISEASE: A NATIONAL REGISTER-BASED STUDY IN TWO COUNTRIES</i> Stine Dydensborg Sander ¹ , Anne Vinkel Hansen ² , Ketil Størdal ³ , Anne Marie Nybo Andersen ² , Steffen Husby ¹ , ¹ Hans Christian Andersen Children's Hospital, Odense University Hospital, Odense, Denmark, ² Institute of Public Health, University of Copenhagen, Copenhagen, Denmark, ³ Norwegian Institute of Public Health, Oslo, Norway
82	902	<i>COW'S MILK ELIMINATION ALONE RESULTS IN SYMPTOM AND HISTOLOGIC IMPROVEMENT IN A MAJORITY OF CHILDREN WITH EOSINOPHILIC ESOPHAGITIS</i> Vishal Avinashi ¹ , Timothy Teoh ² , Preeti Zimmer ¹ , Christopher Mill ¹ , Edmond Chan, ¹ British Columbia Children's Hospital, Vancouver, BC, Canada, ² University of British Columbia - Faculty of Medicine, Vancouver, BC, Canada
83	903	<i>MICRONUTRIENT DEFICIENCIES AT DIAGNOSIS IN CHILDREN NEWLY DIAGNOSED WITH CELIAC DISEASE</i> Vini Deora ¹ , Wael El-Matary ¹ , Nicole Aylward ² , AbdulRazaq Sokoro ³ , ¹ Health Sciences Centre, Winnipeg, MB, Canada, ² College of Medicine, University of Manitoba, Winnipeg, MB, Canada, ³ Clinical Biochemistry and Genetics, Diagnostic Services Manitoba, Winnipeg, MB, Canada
		ENDOSCOPY
84	904	<i>SPONTANEOUS PNEUMOMEDIASTINUM AND SUBCUTANEOUS EMPHYSEMA AFTER ESOPHAGOGASTRODUODENOSCOPY AND COLONOSCOPY WITH BIOPSIES IN THE ABSENCE OF GI TRACT PERFORATION IN A PEDIATRIC PATIENT.</i> Amornluck Krasaelap, Shailender Madani, Children's Hospital of Michigan, Detroit, MI, USA
85	905	<i>THE ROLE OF ENDOSCOPIC CHOLANGIOSCOPY IN AN 8 YEAR OLD WITH WILLIAMS SYNDROME AND RECURRENT CHOLEDOCHOLITHIASIS</i> Brian Maksimak, Marsha Kay, Mansour Parsi, Bradley Confer, Praveen Kumar Conjeevaram Selvakumar, Cleveland Clinic, Cleveland, OH, USA
86	906	<i>UNSEDATED IN OFFICE TRANSGASTROSCOPY ESOPHAGOSCOPY (TGE) TO MONITOR THERAPY IN EOSINOPHILIC ESOPHAGITIS</i> Caroline Hall ^{1,2} , Nathalie Nguyen ^{1,2} , Jeremy Prager ^{1,2} , Emily Deboer ^{1,2} , Robin Deterding ^{1,2} , Calies Menard-Katcher ^{1,2} , Glenn Furuta ^{1,2} , Kelley E. Capocelli ^{1,2} , Krystal Mesenbrink ¹ , Clinton Smith ¹ , Robert E. Kramer ^{1,2} , Joel A. Friedlander ^{1,2} , ¹ Children's Hospital Colorado, Aurora, CO, ² University of Colorado School of Medicine, Aurora, CO, USA
87	907	<i>COLITIS AND FISTULA IN A NEONATE</i> Chickajajur Vijay, Charles Chen, West Virginia University Medicine, Morgantown, WV, USA
88	908	<i>PEDIATRIC GASTRIC XANTHOMA: A RARE FINDING ON UPPER ENDOSCOPY</i> Claudia Phen, Michael Wilsey, Racha Khalaf, Sara Karjoo, Will Chamizo, Johns Hopkins All Children's Hospital, St. Petersburg, Florida, USA
89	909	<i>ANOMALOUS PANCREATICOBIILIARY DUCTAL JUNCTION IN A PEDIATRIC PATIENT MANAGED WITH ENDOSCOPIC RETROGRADE CHOLANGIOPANCREATOGRAPHY</i> Farouk Jiwani, Dana Moffatt, Jennifer Griffin, University of Manitoba, Winnipeg, MB, Canada
90	910	<i>WIRE-GUIDED CANNULATION FACILITATES ENDOSCOPIC MANAGEMENT OF BURIED BUMPER SYNDROME - A NOVEL APPROACH</i> Alex Wilsey ¹ , Michael Wilsey ² , ¹ Florida State University, Tallahassee, FL, USA, ² University of South Florida - College of Medicine, St. Petersburg, FL, USA
91	911	<i>A CASE OF EOSINOPHILIC GASTROENTERITIS HAS ENDOSCOPIC FEATURE AND SYMPTOMS LIKE AS EOSINOPHILIC ESOPHAGITIS</i> Kun Song Lee, Won Ae Lee, Dankook University College of Medicine, Cheonan-si, Chungnam, South Korea,
92	912	<i>PATCHY DISEASE WITH DENUDED MUCOSA</i> Laetitia-Marie Petit, Valérie A. McLin, Departement de l'Enfant et de l'Adolescent, Geneva, Switzerland



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93	913	<i>ISOLATED INTESTINAL NEUROFIBROMA IN A PEDIATRIC PATIENT</i> Rachel Herdes, Rami Arrouk, Patricio Arias, Louisiana State University Health Sciences Center New Orleans, New Orleans, LA, USA
94	914	<i>AN UNFORSEEN CAUSE OF PNEUMOPERITONEUM POST PERCUTANEOUS ENDOSCOPIC GASTROTOMY TUBE PLACEMENT</i> Rasha Adel Elmaoued, Jacqueline Fridge, Kalyan Ray Parashette, University of New Mexico School of Medicine, Division of Pediatric Gastroenterology, Hepatology and Nutrition, Albuquerque, NM, USA
95	915	<i>TWO CASES OF A RARE INTESTINAL VASCULAR MALFORMATION</i> Roopali Mittal, Marilyn Steele, John Grunow, University of Oklahoma Health Sciences Center, Oklahoma City, OK, USA
96	916	<i>COLONIC LYMPHOMA PRESENTING AS ABDOMINAL PAIN</i> S. Zavoian, R. D. Baker, R. Kozielski, S Choudhury, SS Baker, University at Buffalo, Buffalo, NY, USA
97	917	<i>ESOPHAGEAL EOSINOPHILIA ASSOCIATED WITH FALSE POSITIVE TTG</i> Meshari Al-Aifan, Vishal Avinashi, BC Children's Hospital, Vancouver, BC, Canada
98	918	<i>THE OUTCOMES OF USING FRESH PARENTAL STOOL VERSUS FROZEN ANONYMOUS-DONOR STOOL IN PEDIATRIC FECAL MICROBIOTA TRANSPLANT</i> Mark Bartlett, Ahmad Alsafadi, Mayo Clinic, Rochester, MN, USA
99	919	<i>ENDOSCOPY FINDING IN CHILDREN WITH ACCIDENTAL EXPOSURE TO CONCENTRATED DETERGENT PODS: A RETROSPECTIVE REVIEW</i> Avantika Singh, M. Adnan Altaf, University of Oklahoma Health Sciences Center, Oklahoma City, OK, USA
100	920	<i>WHEN A COLONIC POLYP IS TOO LARGE FOR ENDOSCOPIC REMOVAL</i> Brenna Keane, Monica Garin-Laflam, Carilion Children's/Pediatric Gastroenterology, Roanoke, VA, USA
101	921	<i>A SINGLE-CENTER REVIEW OF PEDIATRIC COLONOSCOPY QUALITY INDICATORS</i> Christine Pasquarella, Barbara Kaplan, Marsha Kay, Cleveland Clinic Children's, Cleveland, OH, USA
102	922	<i>ENDOSCOPIC MANAGEMENT OF ESOPHAGEAL STRICTURES IN CHILDREN WITH EPIDERMOLYSIS BULLOSA</i> Bradley T. Anderson, David E. Brumbaugh, Michael R. Narkewicz, Robert E. Kramer, Children's Hospital Colorado, Aurora, CO, USA
103	923	<i>PREDICTORS OF CHOLEDOCHOLITHIASIS AT ERCP IN PEDIATRIC PATIENTS: A REPORT FROM THE PEDIATRIC ERCP DATABASE (PEDI)</i> Douglas S. Fishman ¹ , David M. Troendle ² , Bradley Barth ² , Quin Y. Liu ³ , Arathi Lakhole ³ , Matthew Giefer ⁴ , Mercedes Martinez ⁵ , Michael Wilsey ⁶ , Racha Khalaf ⁶ , Amit Grover ⁷ , Victor L. Fox ⁷ , ¹ Texas Children's Hospital-Baylor College of Medicine, Houston, TX, USA, ² University of Texas Southwestern Medical Center, Dallas, TX, USA, ³ University of Southern California; Children's Hospital of Los Angeles, Los Angeles, CA, USA, ⁴ Seattle Children's Hospital, Seattle, WA, USA, ⁵ Columbia University; NY Presbyterian Morgan Stanley Children's Hospital of NY, New York, NY, USA, ⁶ Johns Hopkins All Children's Hospital, St. Petersburg, FL, USA, ⁷ Harvard Medical School; Boston Children's Hospital, Boston, MA, USA
104	924	<i>RATES OF ADVERSE EVENTS IN PEDIATRIC PATIENTS UNDERGOING DELAYED CHOLECYSTECTOMY FOR BILIARY COLIC</i> Elaine Odiase ¹ , David M. Troendle ² , ¹ Children's Health – Children's Medical Center Dallas, Dallas, TX, USA, ² University of Texas - Southwestern Medical Center, Children's Health – Children's Medical Center Dallas, Dallas, TX, USA
105	925	<i>HELICOBACTER PYLORI DETECTION: ENDOSCOPIC AND HISTOLOGICAL FINDINGS IN CHILDREN WITH DYSPEPSIA</i> Angie Vergara, Fernando Sarmiento, Diana Victoria Mora Quintero, Claudia Sánchez, Lina Jaramillo, Ariel Ruiz-Parra, Jairo Echeverry-Raad, Camila Chaparro, Universidad Nacional De Colombia - Fundación Homi, Bogotá Dc, C/Marca, Columbia



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106	926	<i>PREVALENCE OF CLINICAL AND PATHOLOGIC FINDINGS IN FILIPINO CHILDREN UNDERGOING COLONOSCOPY</i> John Paul Oliveros ¹ , Germana Gregorio ² , Elizabeth Martinez ² , ¹ University of the Philippines - Philippine General Hospital, Cagayan de Oro City, Misamis Oriental, Philippines, ² University of the Philippines-Philippine General Hospital, Quezon City, National Capital Region, Philippines
107	927	<i>ENDOSCOPIC ENTEROCLYSIS IN THE DIAGNOSIS OF PARTIALLY OBSTRUCTIVE LESIONS</i> Julia Fritz, Diana Lerner, Alfonso Martinez, Medical College of Wisconsin, Milwaukee, Wisconsin, USA
108	928	<i>SAFETY AND OUTCOMES OF EARLY NUTRITION FOLLOWING PERCUTANEOUS ENDOSCOPIC GASTROSTOMY TUBE PLACEMENT IN CHILDREN</i> Katie Mills ¹ , Michael Wilsey ¹ , Sara Karjoo ¹ , Daniel McClenathan ¹ , Racha Khalaf ¹ , Alexander Wilsey ² , Emily Kate Swan ² , ¹ Johns Hopkins All Childrens Hospital, St Petersburg, FL, USA, ² Florida State University, St Petersburg, FL, USA
109	*929	<i>ADVERSE EVENTS AND LONG-TERM OUTCOMES OF ENDOSCOPIC SPHINCTEROTOMY IN A PEDIATRIC POPULATION; A SINGLE CENTER EXPERIENCE</i> Kyung Mo Kim, Jin Min Cho, In Sook Jeong, Hyun Jin Kim, Seak Hee Oh, Asan Medical Center Children's Hospital, Seoul, South Korea
110	930	<i>ENDOSCOPIC FINDINGS IN CHILDREN WITH COW'S MILK ALLERGY.</i> Rafael Milanes, Monserrat Cazares, Edison Aymacaña, Martha Lopez, Jose Cadena, Erick Toro, Ericka Montijo, Flora Zarate, Roberto Cervantes, Jaime Ramirez, Instituto Nacional de Pediatría, Coyoacan, Mexico City, Mexico
111	931	<i>GENERAL PEDIATRICIANS AND MANAGEMENT OF PATIENTS WITH GERD: LOW EXPECTATIONS FOR ENDOSCOPY</i> Ninfa Candela ¹ , Lloyd Fisher ² , Gregory S. Germain ³ , Jenifer R. Lightdale ¹ , Anthony F. Porto ³ , ¹ University of Massachusetts Memorial Medical Center, Worcester, MA, USA, ² Reliant Medical Group, Worcester, MA, USA, ³ Yale University School of Medicine, New Haven, CT, USA
112	932	<i>DISTAL/MID ESOPHAGEAL BIOPSIES ARE SUPERIOR TO PROXIMAL/DISTAL ESOPHAGEAL BIOPSIES FOR DETERMINING THE PRESENCE OF DISEASE: A PROSPECTIVE PEDIATRIC EOSINOPHILIC ESOPHAGITIS STUDY</i> Amir F. Kagalwalla ^{1,2} , Pratibha G. Hotwagner ^{1,2} , Hector Melin-Aldana ¹ , Joshua B. Wechsler ¹ , Anne & Robert H. Lurie Children's Hospital of Chicago and Northwestern University, Feinberg School of Medicine, Chicago, IL, USA, ² John H. Stroger Hospital of Cook County, Chicago, IL, USA
113	933	<i>IMPROVED ESOPHAGEAL FOREIGN BODY MANAGEMENT MAY INCREASE DIAGNOSIS OF EOSINOPHILIC ESOPHAGITIS: VANDERBILT EXPERIENCE</i> Rachel Ruiz, Mary Allyson Lowry, Michael Dole, Girish Hiremath, Sari Acra, Kelly Thomsen, Vanderbilt Children's Hospital, Nashville, TN, USA
114	934	<i>ENDOSCOPIC BOUGIE DILATATION OF BENIGN ESOPHAGEAL STRICTURE IN INDIAN CHILDREN: A 5 YEAR EXPERIENCE</i> Santosh Mittal, Malvika Bhattacharya, Chacha Nehru Bal Chikitsalya, Delhi, India
115	935	<i>DIAGNOSTIC YIELD OF PAEDIATRIC GASTROINTESTINAL ENDOSCOPY AT A TERTIARY CENTRE IN THE UK: RESULTS OF SERVICE EVALUATION</i> Shishu Sharma, Mike Thomson, Sheffield Children's NHS Foundation Trust, Sheffield, South Yorkshire, UK
116	936	<i>EFFICACY OF ONE DAY POLYETHYLENE GLYCOL BASED CLEANOUT AS COLONOSCOPY PREPARATION IN A PEDIATRIC POPULATION</i> Ashwath Kumar ¹ , J. Jalali ¹ , V. Ganesan ¹ , Linda Sandridge ² , Thomas Attard ² , ¹ University of Missouri-Kansas City School of Medicine, Kansas City, MO, USA, ² Children's Mercy Hospitals and Clinics, Kansas City, MO, USA



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117	937	<i>ENDOSCOPIC RETROGRADE CHOLANGIOPANCREATOGRAPHY IN JAPANESE CHILDREN: SINGLE CENTER EXPERIENCE IN 2000S</i> Tsuyoshi Sogo, Shuichiro Umetsu, Tomoyuki Tsunoda, Manari Oikawa-Kawamoto, Ayano Inui, Tomoo Fujisawa, Saiseikai Yokohama City Tobu Hospital, Yokohama, Kanagawa, Japan
118	938	<i>MEANINGFUL USE OF DISACCHARIDASE TESTING: A QUALITY IMPROVEMENT PROJECT</i> Voytek Slowik, Nadia Ibrahim, Jennifer Colombo, Children's Mercy Hospitals and Clinics, Kansas City, MO, USA
119	939	<i>A PROSPECTIVE, RANDOMIZED, SINGLE BLINDED STUDY TO EVALUATE TWO DIFFERENT 1-DAY BOWEL PREPARATION REGIMENS IN CHILDREN AGES 8-21 YEARS UNDERGOING CAPSULE ENDOSCOPY</i> Wael N. Sayej, Marina L. Fernandez, Lori Alexander, Penny Ritter, Donna Zeiter, Franziska Mohr, Connecticut Children's Medical Center, Hartford, CT, USA
		GLOBAL HEALTH
120	940	<i>GASTROINTESTINAL SOMATIZATION IN CHILDREN WITH DENGUE WITHOUT WARNING SIGNS IN THE UNIVERSITY Hospital OF VALLE IN CALI, COLOMBIA</i> Carlos Velasco, Claudia Ortiz, Alejandra Mideros, Universidad del Valle, Cali, Valle, Colombia
121	941	<i>NUTRITIONAL STATUS AMONG Hospitalized CHILDREN IN INDIA</i> Dhanasekhar Kesavelu, Lekha V S, Apollo Childrens Hospital, Chennai, Tamilnadu, India
122	942	<i>TRANSFORMING GROWTH FACTOR B1, TRANSFORMING GROWTH FACTOR B2, AND TOTAL IMMUNOGLOBULIN A LEVELS IN BREAST MILK IN RELATION TO INFANT ALLERGY IN A GERMAN COHORT</i> Erik Eckhardt ¹ , Maya Shevlyakova ¹ , Sebastien Holvoet ¹ , Audrey Demont ¹ , Toralf Kirsten ² , Mandy Vogel ² , Tanja Poulain ² , Andreas Hiemisch ² , Wieland Kiess ² , Chiara Nembrini ¹ , ¹ Nestlé Research Center, Lausanne, Vaud, Switzerland, ² University of Leipzig, Leipzig, Sachsen, Germany
123	943	<i>RAPID MEASUREMENT OF FOLATE IN BREAST MILK USING A CLINICAL DIAGNOSTIC ASSAY REVEALS POSSIBLE GEOGRAPHICAL DIFFERENCES IN FOLATE CONTENT</i> Laurence Guignard ¹ , Chiara Nembrini ¹ , Julie Moulin ¹ , Irma Silva-Zolezzi ¹ , Jürgen Kratsch ² , Mandy Vogel ² , Julia Schittke ² , Wieland Kiess ² , Erik Eckhardt ¹ , ¹ Nestlé Research Center, Lausanne, Vaud, Switzerland, ² University of Leipzig, Leipzig, Sachsen, Germany
124	944	<i>SPECTRUM OF MUTATIONS AND CLINICAL PRESENTATION IN CYSTIC FIBROSIS</i> Mandana Rafeey, Leila Vahedi, Tabriz University of Medical Sciences, Liver & Gastrointestinal Research Center, Tabriz, East Azarbijan, Iran
125	945	<i>EPIDEMIOLOGICAL DATA FROM PATIENTS UNDERWENT 24 HOURS ESOPHAGEAL pHMETRY STUDY</i> Maria Rogalidou, Myrto Ntougia, Stefania Makariou, Eleni Loutsis, Antigoni Siamopoulou-Mavridou, Nikolaos Chaliasos, University Hospital of Ioannina, Ioannina, Greece
126	946	<i>CRITERION VALIDITY OF THE GASTROESOPHAGEAL REFLUX DISEASE SYMPTOM QUESTIONNAIRE AND REFLUX SYMPTOM INDEX AS DIAGNOSTICS TOOLS COMPARED WITH ESOPHAGEAL MULTI-CHANNEL INTRALUMINAL IMPEDANCE-pH MEASUREMENTS IN INFANTS</i> Maria Belen Rojas Gallegos, David Gremse, Sittichoke Prachuapthunyachart, USA Children's and Women's Hospital, Mobile, AL, USA
127	947	<i>IMPROVED IDENTIFICATION OF PEDIATRIC OBESITY RELATED CO-MORBIDITIES IN A DEDICATED WEIGHT MANAGEMENT PROGRAM COMPARED TO PEDIATRIC PRIMARY CARE.</i> Praveen Kumar Conjeevaram Selvakumar, Naim Alkhouri, Sara Lappe, Mohammad Nasser Kabbany, Sarah Worley, Cleveland Clinic, Cleveland, OH, USA



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128	*948	<i>SERUM ANTI-FLAGELLIN AND ANTI-LIPOPOLYSACCHARIDE IMMUNOGLOBULINS AS PREDICTORS OF GROWTH IN PAKISTANI INFANTS AT RISK FOR ENVIRONMENTAL ENTERIC DYSFUNCTION</i> Sana Syed ^{1,2} , Asad Ali ³ , Najeeha T. Iqbal ³ , Molly A. Hughes ⁴ , Jennie Z. Ma ⁴ , Tauseef Akhund ³ , Wenjun Xin ³ , M. Yawar Yakoob ³ , Enju Liu ¹ , Shahida Qureshi ³ , Andrew Gewirtz ⁴ , Christopher P. Duggan ^{1,2} , ¹ Boston Children's Hospital, Boston, MA, USA, ² Harvard Medical School, Boston, MA, USA, ³ The Aga Khan University, Karachi, Sindh, Pakistan, ⁴ University of Virginia, Charlottesville, VA, USA, ⁴ Georgia State University, Atlanta, GA, USA
129	949	<i>HELICOBACTER PYLORI TIPα PROTEIN PROMOTES INFLAMMATION IN THE GASTRIC MUCOSA</i> Steven J. Czinn ¹ , Maria Blanca Piazuelo ² , Thomas G. Blanchard ¹ , Lindsay Morningstar Wright ¹ , ¹ University of Maryland School of Medicine, Baltimore, MD, USA, ² Vanderbilt University School of Medicine, Nashville, TN, USA
130	950	<i>CLINICAL FEATURES OF PERIANAL AREA IN CHILDREN WITH FUNCTIONAL CONSTIPATION</i> Vajiheh Modaresisaryazdi ¹ , Bahar Pakseresht ² , Zeinab Safaei Ardakani ³ , ¹ Social Security Organization, Yazd, Yazd, Iran, ² Shahid Sadoughi University of Medical Sciences, Yazd, Yazd, Iran, ³ Medical School, Shiraz University of Medical Sciences, Shiraz, Fars, Iran
131	951	<i>SERUM INTERLEUKINES IN CHILDREN WITH FOOD ALLERGIES IN COLOMBIA</i> Wilson Daza Carreño ¹ , Silvana Dadan ¹ , Ana Maria Rojas ¹ , Emilia Prieto ¹ , Michelle Higuera Carrillo ¹ , Daniel Ruiz ² , Andrea Vargas ² , ¹ Gastronutriped, Bogota, Cundinamarca, Colombia, ² Los Andes University, Bogota, Cundinamarca, Colombia
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132	952	<i>ASSESSMENT OF LIVER FIBROSIS BY NON-INVASIVE TRANSIENT ELASTOGRAPHY IN CHILDREN WITH SICKLE CELL ANEMIA: CROSS-SECTIONAL PILOT DATA</i> Amanda C. Fifi, Lesley Smith, Ofelia Alvarez, Vanessa Cumming, Maria Rodriguez, University of Miami, Miami, FL, USA
133	953	<i>A RARE CASE OF A 2 YEAR OLD BOY WITH ALAGILLE SYNDROME AND TYPE 3 HEREDITARY HE-MOCHROMATOSIS WITH A TFR2 MUTATION</i> Sravan Matta, Bernadette Vitola, Medical College of Wisconsin, Milwaukee, WI, USA
134	954	<i>NODULAR REGENERATIVE HYPERPLASIA OF THE LIVER: DIAGNOSTIC HETEROGENEITY</i> Chiara Biaggi, Lesley Smith, Patricia Delgado, Claudia Rojas, University of Miami, Miami, FL, USA
135	955	<i>GIANT CELL HEPATITIS WITH AUTOIMMUNE HEMOLYTIC ANEMIA TREATED SUCCESSFULLY WITH RIT-UXIMAB</i> J. Naylor Brownell, Jessica Wen, Andrew Wehrman, Children's Hospital of Philadelphia, Philadelphia, PA, USA
136	956	<i>FEBRILE CHOLESTATIC JAUNDICE AS THE INITIAL FEATURE OF KAWASAKI DISEASE</i> Sana Merchant, Shilpa Sood, Keshawadhana Balakrishnan, Maria Fareri Children's Hospital, White Plains, NY, USA
137	957	<i>INTRAHEPATIC CYSTIC LESIONS POST-KASAI IN BILIARY ATRESIA</i> Lay Queen Ng, Ying Lu, Division of Gastroenterology and Nutrition Steven and Alexandra Cohen Children's Medical Center of NY, Northwell Health, Lake Success, NY, USA
138	958	<i>DIFFUSE INFANTILE LIVER HEMANGIOENDOTHELIOMA</i> Melany Gaetani ¹ , Nada Yazigi ² , ¹ Medstar Georgetown University Hospital, Arlington, VA, USA, ² Medstar Georgetown University Hospital, Washington DC, Columbia, USA
139	959	<i>PRIMARY SCLEROSING CHOLANGITIS AND AUTOIMMUNE HEPATITIS ARE ASSOCIATED WITH SICKLE CELL DISEASE</i> Orith Waisbourd-Zinman ¹ , Katrina Loah ² , Henry Lin ¹ , Kathleen Loomes ¹ , ¹ Children's Hospital of Philadelphia, Philadelphia, PA, USA, ² Connecticut Children's Medical Center, Hartford, CT, USA



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140	960	<i>LYSOSOMAL ACID LIPASE DEFICIENCY: A SERIOUS METABOLIC AND VASCULAR PHENOTYPE, BEYOND THE LIVER DISEASE: ABOUT 4 CASES</i> Pierre Poinso ^{1,2} , Noël Peretti ^{1,2} , S. Collardeau-Frachon ^{3,2} , A. Serusclat ^{4,2} , M. Di Filippo ^{2,3} , S. Charriere ^{2,4} , P. Moulin ^{2,4} , A. Lachaux ^{1,2} , ¹ Hopital Femme Mere Enfant, Lyon, France, ² Hospices civils de Lyon, Lyon, France, ³ Groupeement Hospitalier EST, Lyon, France, ⁴ Hopital Louis Pradel, Lyon, France
141	961	<i>UNUSUAL PRESENTATION WITH DIRECT HYPERBILIRUBINEMIA FROM KALLMANN SYNDROME IN AN INFANT</i> Ramakrishna Mutyala, John Pohl, Linda Book, Bhanu Muniyappa, University of Utah, Salt Lake City, UT, USA
142	962	<i>AUTOIMMUNE HEPATITIS IN A PATIENT WITH A HISTORY OF ATOMOXETINE THERAPY</i> Jonathan Yang ¹ , Paul Shaniuk ² , Rami Sabe ² , Shahrazad Saab ² , Atiye N. Aktay ² , ¹ Case Western Reserve University, Cleveland, OH, USA, ² University Hospitals Rainbow Babies & Children's Hospital, Cleveland, OH, USA
143	963	<i>CLINICAL COURSE AND LONG-TERM OUTCOME OF PRIMARY SCLEROSING CHOLANGITIS IN CHILDREN: A SINGLE CENTER RETROSPECTIVE REVIEW IN JAPAN</i> Shuichiro Umetsu ¹ , Ayano Inui ¹ , Tsuyoshi Sogo ¹ , Haruki Komatsu ² , Tomoo Fujisawa ¹ , ¹ Saiseikai Yokohama shi Tobu Hospital, Yokohama, Kanagawa, Japan, ² Toho University Sakura Medical Center, Sakura, Chiba, Japan
144	964	<i>WILSON'S DISEASE PRESENTING AS ACUTE LIVER FAILURE IN A 7-YEAR-OLD</i> Tina Morhardt, Jacob Bilhartz, University of Michigan, Ann Arbor, MI, USA
145	965	<i>FULMINANT HEPATIC FAILURE REQUIRING LIVER TRANSPLANTATION DUE TO ACCIDENTAL ALCOHOL INGESTION IN A 7 MONTH OLD BABY</i> Upma Suneja ¹ , Sivan Kinberg ² , Ester Flores ¹ , Bakri Dabbagh ³ , Magda Mendez ¹ , Muhammad Waseem ¹ , ¹ Lincoln Hospital, New York, NY, USA, ² Columbia University Medical Center, New York, NY, USA, ³ Harlem Hospital, New York, NY, USA
146	966	<i>A RARE CASE OF SYMPTOMATIC HEREDITARY HEMOCHROMATOSIS IN A 5-YEAR-OLD MALE</i> Katrina Loh, Wael N. Sayej, Natalie S. Bezler, Karan Emerick, Connecticut Children's Medical Center, Hartford, CT, USA
147	967	<i>SYSTEMATIC REVIEW OF THE EPIDEMIOLOGY AND BURDEN OF DISEASE OF PROGRESSIVE FAMILIAL INTRAHEPATIC CHOLESTASIS (PFIC): A GENETIC DISEASE ASSOCIATED WITH LIVER FAILURE IN CHILDREN</i> Alastair Baker ¹ , Nanda Kerkar ² , Binita Kamath ³ , Roderick Houwen ⁴ , ¹ Paediatric Liver Centre, King's College Hospital, London, London, UK, ² Children's Hospital Los Angeles, Los Angeles, USA, ³ The Hospital for Sick Children, Toronto, ON, Canada, ⁴ Wilhelmina Children's Hospital, University Medical Centre, Utrecht, Netherlands
148	*968	<i>LIVER INJURY ASSOCIATED WITH ANTI-TUMOUR NECROSIS FACTOR THERAPY IN PAEDIATRIC INFLAMMATORY BOWEL DISEASE</i> Amanda Ricciuto, Binita M. Kamath, Peter Church, Thomas Walters, Simon C. Ling, Karen Frost, Anne M. Griffiths, The Hospital for Sick Children, Toronto, ON, Canada
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150	970	<i>A SYSTEMATIC REVIEW OF ALAGILLE SYNDROME</i> Binita Kamath ¹ , Alastair Baker ² , Roderick Houwen, Wilhelmina Children's Hospital ³ , Nanda Kerkar ⁴ , ¹ The Hospital for Sick Children, Toronto, ON, Canada, ² Paediatric Liver Centre, King's College Hospital, London, UK, ³ University Medical Centre, Utrecht, Netherlands, ⁴ Children's Hospital Los Angeles, Los Angeles, USA



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157	*977	<i>VERTICAL SLEEVE GASTRECTOMY (VSG) IN MORBIDLY OBESE ADOLESCENTS RESULTS IN INCREASED FIBROBLAST GROWTH FACTOR 21 (FGF21) THAT CORRELATES WITH WEIGHT LOSS</i> Farooq H Khan ¹ , Rohit Kohli ² , Lindsey Shaw ² , Wujuan Zhang ² , Rosa Maria Salazar Gonzalez ² , Sarah Mowery ² , Melissa Oehrle ² , Xueheng Zhao ² , Todd Jenkins ² , Kenneth D.R. Setchell ² , Thomas H. Inge ² , ¹ University of Cincinnati, Cincinnati, OH, USA, ² Cincinnati Children's Hospital, Cincinnati, OH, USA
158	978	<i>NEUROCOGNITIVE OUTCOMES IN CHILDREN WITH END-STAGE LIVER DISEASE: A BROADER SPECTRUM OF MORBIDITY IN DEVELOPING COUNTRY</i> Fatima Safira Alatas, Bernie Endyani, Amanda Soebadi, Agus Firmansyah, Universitas Indonesia – Cipto Mangunkusumo Hospital, Jakarta, Indonesia
159	979	<i>CHANGING PHENOTYPE OF PEDIATRIC AUTOIMMUNE LIVER DISEASE IN AN AUSTRALIAN COHORT.</i> Harveen Singh, Fariha Balouch, C Noble, P Lewindon, Lady Cilento Children's Hospital, Brisbane, QLD, Australia
160	980	<i>PARTIAL INTERNAL BILIARY DIVERSION IMPROVES CLINICAL, BIOCHEMICAL AND HISTOLOGICAL PARAMETERS IN PROGRESSIVE FAMILIAL INTRAHEPATIC CHOLESTASIS – A STUDY OF 21 PATIENTS</i> Huma Arshad Cheema ¹ , Arit Prakash ¹ , Rabia Cheema ² , ¹ The Children's Hospital & Institute of Child Health, Lahore, Pakistan, ² Mattel Children's Hospital University of California – Los Angeles, Los Angeles, CA, USA
161	981	<i>THE EPIDEMIOLOGY OF BILIARY ATRESIA FOCUSING ON THE CAUSAL RELATIONSHIP WITH ROTAVIRUS IN KOREA: A NATIONWIDE POPULATION BASED STUDY</i> Jee Hyun Lee ¹ , Hyeong Sik Ahn ² , Hyun Jung Kim ² , Sang Hyuk Lee ² , ¹ Ansan Hospital Korea University Medical Center, Ansan, Kyung-gi-do, South Korea, ² College of Medicine, Korea University, Seoul, South Korea



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175	995	<i>LIVING RELATED LIVER TRANSPLANTATION AS A CURE FOR METABOLIC DISORDERS WITH OR WITHOUT LIVER INJURY- ETIOLOGY, TIMING, SELECTION CRITERIA, SPECIFIC ISSUES AND OUTCOME</i> Sakshi Karkra, Neelam Mohan, Deepak Goyal, Maninder Dhaliwal, V Raghunathan, A Rastogi, S. Goja, P Bhangui, S Ramchandra, V Vohra, S. Soin, Medanta Medicity Hospital, Gurgaon, Haryana, India
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177	997	<i>PAEDIATRIC HEPATITIS B IN EAST LONDON</i> Ramiya Kirupanathan ¹ , Sandhia Naik ¹ , Patrick Kennedy ² , Upkar Gill ² , ¹ The Children's Hospital, The Royal London Hospital, London, UK, ² Blizard Institute, Barts and The London School of Medicine and Dentistry, London, UK
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181	1001	<i>USING TRANSIENT ELASTOGRAPHY FOR THE EVALUATION OF NON-ALCOHOLIC FATTY LIVER DISEASE IN OBESE CHILDREN AND YOUNG ADULTS</i> Shih-Hsi Song ¹ , Tzee-Chung Wu ² , Yung-Cheng Hsu ² , ¹ National Yang Ming University Hospital, Yilan, Yilan, Taiwan, ² Children's Medical Center, Taipei Veterans General Hospital, Taipei, Taiwan
182	1002	<i>EPIDEMIOLOGY OF BILIARY ATRESIA IN SAUDI ARABIA: TERTIARY CARE CENTER EXPERIENCE</i> Sinan Jamal Holdar, Abdulrahman Al-Hussaini, King Fahad Medical City, Riyadh, Central Region, Saudi Arabia



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184	1004	<i>METAGENOMICS OF THE LIVER: A PILOT STUDY</i> Stephen L. Guthery ^{1,2} , Robin D. Kim ¹ , Jeffrey Campsen ¹ , Thomas Chaly ¹ , Mark Yandell ¹ , Robert Schlager ¹ , ¹ University of Utah, Salt Lake City, UT, USA, ² Intermountain Primary Children's Hospital, Salt Lake City, UT, USA
185	1005	<i>ANTIBODY MEDIATED HAEMOLYSIS AND ELEVATED NEONATAL CONJUGATED BILIRUBIN LEVELS</i> Stephen Mouat ¹ , Samarina Musaad ² , Leo Chi Sing Lam ³ , ¹ Starship Children's Hospital, Auckland, New Zealand, ² LabTests, Auckland, New Zealand, ³ LabPlus, Auckland, New Zealand
186	1006	<i>A 20-YEAR PERSPECTIVE OF PEDIATRIC GALLSTONE DISEASE IN A CHILDREN'S HOSPITAL IN JAPAN</i> Tomoko Hara, Ryusuke Nambu, Ryo Matsuoka, Shin-ichiro Hagiwara, Seiichi Kagimoto, Saitama Children's Medical Center, Saitama, Saitama, Japan
187	1007	<i>HEMOLYTIC ANEMIA WITH ACUTE LIVER FAILURE IN WILSON'S DISEASE IN CHILDREN</i> Tudor Lucian Pop, Ana Stefanescu, Alina Grama, Simona Cainap, Mariana Andreica, Aurel Bizo, Nicolae Miu, 2nd Pediatric Clinic, University of Medicine and Pharmacy Cluj-Napoca, Cluj-Napoca, Cluj, Romania
188	1008	<i>SERUM TOTAL BILIRUBIN LEVELS AT 3 MONTHS PREDICTS LONG-TERM SURVIVAL WITH NATIVE LIVER AFTER KASAI PORTO-ENTEROSTOMY FOR BILIARY ATRESIA</i> Vidyadhar Mali ¹ , Marion Aw ¹ , Gregory Heng ² , Sivaramakrishnan Venkatesh Karthik ¹ , Dale Lincoln Loh ¹ , Quak Senghock ¹ , Krishnan Prabhakaran ¹ , ¹ National University Hospital, Singapore, Singapore, ² Tan Tock Seng Hospital, Singapore, Singapore
189	1009	<i>STUDY OF PREVALENCE OF FATTY ACID OXIDATION DEFECTS IN CHILDREN AND ADULTS WITH ACUTE LIVER FAILURE: SIGNIFICANCE OF CARNITINE/ACYLCARNITINE AND AMINOACID PROFILE</i> Seema Alam, Vikrant Sood, Dinesh Rawat, Rajeev Khanna, Shvetank Sharma, S.K Sarin, The Institute of Liver and Biliary Sciences, New Delhi, Delhi, India
190	1010	<i>MOTHER-TO-CHILD TRANSMISSION OF HEPATITIS B VIRUS: A FAMILY-BASED STUDY</i> Wan-Hsin Wen ¹ , Huey-Ling Chen ² , Mei-Hwei Chang ² , ¹ Cardinal Tien Hospital; School of Medicine, College of Medicine, Fu-Jen Catholic University, New Taipei City, Taiwan, ² Hospital and College of Medicine, National Taiwan University, Taipei, Taiwan
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192	*1012	<i>DEFECTS IN MYO5B CAN CAUSE A SPECTRUM OF PREVIOUSLY UNDIAGNOSED LOW &#915;-GLUTAMYLTRANSFERASE CHOLESTASIS IN CHILDREN</i> Yi-Ling Qiu ¹ , Jian-She Wang ^{1,2} , Jing-Yu Gong ² , Jia-Yan Feng ³ , Ren-Xue Wang ⁴ , Jun Han ⁵ , Teng Liu ² , Yi Lu ¹ , Li-Ting Li ^{1, 2} , Mei-Hong Zhang ² , Jonathan A. Sheps ⁵ , Neng-Li Wang ² , Yan-Yan Yan ² , Jia-Qi Li ² , Lian Chen ¹ , Christoph H. Borchers ⁵ , Victor Ling ⁴ , Qing-He Xing ⁶ , ¹ The Center for Pediatric Liver Diseases, Children's Hospital of Fudan University, Shanghai, Shanghai, China, ² Jinshan Hospital of Fudan University, Shanghai, Shanghai, China, ³ Children's Hospital of Fudan University, Shanghai, Shanghai, China, ⁴ BC Cancer Agency, Vancouver, BC, Canada, ⁵ University of Victoria - Genome BC Proteomics Centre, University of Victoria, Victoria, BC, Canada, ⁶ Institutes of Biomedical Sciences of Fudan University, Shanghai, Shanghai, China



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195	1015	THE LONG-TERM EFFECTS AND ADVERSE EVENTS OF INFLIXIMAB THERAPY FOR PEDIATRIC CROHN'S DISEASE: JAPANESE NATIONAL SURVEY Kenji Hosoi¹, Yoshikazu Ohtsuka¹, Itsuhiro Oka¹, Nobuyasu Arai¹, Masamichi Sato¹, Reiko Kyodo¹, Eri Miyata¹, Seichi Matsumura¹, Naho Obayashi¹, Keisuke Jimbo¹, Tamaki Ikuse¹, Yo Aoyagi¹, Tohru Fujii¹, Takahiro Kudo¹, Shinichi Nijima², Toshiaki Shimizu¹, ¹Juntendo University Graduate School of Medicine, Bunkyo, Tokyo, Japan, ²Juntendo University Nerima Hospital, Nerima, Tokyo, Japan
196	1016	EPILOIC APPENDAGITIS: A RARE CAUSE OF CHRONIC RIGHT LOWER QUADRANT PAIN IN A PEDIATRIC PATIENT Colleen Maurer, Lori Mahajan, Imdad Ullah, David Magnuson, Cleveland Clinic Children's Hospital, Cleveland, OH, USA
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198	1018	SPOTTING THE CAUSE OF AN UNUSUAL RASH IN PEDIATRIC CROHN'S PATIENT ON INFLIXIMAB Nisha Patel, Rebecca Abell, University of Rochester Medical Center, Rochester, NY, USA
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201	1021	A CASE OF GUILLIAN-BARRE SYNDROME IN A 17 YEAR OLD FEMALE WITH CROHN'S DISEASE Rajitha D Venkatesh¹, Rachel Erdil², David Chad³, Esther J. Israel¹, ¹MassGeneral Hospital for Children, Boston, MA, USA, ²University of Massachusetts Medical School, Worcester, MA, USA, ³Massachusetts General Hospital, Boston, MA, USA
202	1022	HEPATITIS BY THE HUMAN ROTAVIRUS CASE REPORT Roberto Calva¹, Maria-Eugenia Rivera¹, Daniel Calva², ¹Medical School of Benemérita Universidad Autónoma de Puebla, Puebla, Mexico, ²University of Iowa, Iowa, IO, USA
203	1023	A VERY UNUSUAL GASTROINTESTINAL CAUSE OF VITAMIN E DEFICIENCY ATAXIA Ronald J. Sokol, Edward Hoffenberg, Paul Moe, Diane J. Dovel, Frederick M. Karrer, University of Colorado School of Medicine and Children's Hospital Colorado, Aurora, Colorado, USA
204	1024	CLEARANCE OF HCV AFTER FIXED-DOSE COMBINATION LEDISPAVIR/SOFOSBUVIR IN AN ADOLESCENT FEMALE WITH DECOMPENSATED CIRRHOSIS Sara Kathryn Smith, Philip Rosenthal, University of California - San Francisco School of Medicine, San Francisco, CA, USA
205	1025	CHRONIC GRANULOMATOUS DISEASE PRESENTING AS CROHN'S-LIKE INFLAMMATORY BOWEL DISEASE Sarah E. Fleet¹, Joseph A. Picoraro¹, Marla Dubinsky², Yesim Demirdag¹, Amy Defelice¹, ¹Columbia University, New York, NY, USA, ²Mount Sinai School of Medicine, New York, NY, USA



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207	1027	<i>SUCCESSFUL PEGYLATED INTERFERON THERAPY FOR CHRONIC HEPATITIS B IN 5-YEAR-OLD CHILD PATIENT.</i> Shota Kawasaki ¹ , Tokio Sugiura ² , Koichi Ito ² , Takeshi Endo ² , Yoshishige Miyake ¹ , Shinji Saitoh ² , Ichinomiya Municipal Hospital, Ichinomiya, Aichi, Japan, ² Graduate School of Medical Sciences, Nagoya City University, Nagoya, Aichi, Japan
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209	1029	<i>FATAL HEPATIC HEMORRHAGE BY PELIOSIS HEPATIS IN A CHILD WITH MYOTUBULAR MYOPATHY</i> Takeshi Endo, Koichi Ito, Ayako Hattori, Tokio Sugiura, Shinji Saito, Nagoya City University, Graduate School of Medical Sciences, Nagoya, Aichi, Japan
210	1030	<i>HEREDITARY HEMOCHROMATOSIS CAUSED BY A HETEROZYGOUS MUTATION IN SLC40A1 DEVELOPS IN EARLY CHILDHOOD.</i> Tatsuro Hatsushika, Masaru Shimura, Tsutsumi Norito, Shinji Suzuki, Soken Go, Shigeo Nishimata, Yasuyo Kashiwagi, Hisashi Kawashima, Tokyo Medical University, Shinjuku-ku, Tokyo, Japan
211	1031	<i>PYLEPHLEBITIS: A SIGNIFICANT COMPLICATION OF AN UNRECOGNIZED APPENDICITIS</i> Timothy Blaufuss ¹ , Nisha Mangalat ² , Brittnea Adcock ² , ¹ Children's Mercy Hospital, Kansas City, MO, USA, ² St. Louis University, St. Louis, MO, USA
212	1032	<i>FAILURE OF FECAL MICROBIOTA TRANSPLANTATION IN A YOUNG CHILD WITH SEVERE REFRACTORY ULCERATIVE COLITIS</i> Tomoyuki Imagawa ¹ , Hideki Kumagai ¹ , Koji Yokoyama ¹ , Shun Inoue ¹ , Janyerkye Tulyeu ¹ , Takanori Yamagata ¹ , Mamoru Tanaka ² , ¹ Jichi Medical University, Shimotsuke, Tochigi, Japan, ² Miyarisan Pharmaceutical Co., Tokyo, Japan
213	1033	<i>MILIARY TUBERCULOSIS DUE TO MYCOBACTERIUM BOVIS IN AN ADOLESCENT WITH CROHN'S DISEASE TREATED WITH ANTI-TNF AND IMMUNOMODULATORS</i> Vivian Tang ¹ , Christina Gagliardo ¹ , Vidya Mony ¹ , Mikhail Kazachkov ² , Graciela Wetzler ¹ , ¹ Maimonides Medical Center, Brooklyn, NY, USA, ² New York University Langone Medical Center., New York, NY, USA
214	1034	<i>ONSET OF CROHN'S DISEASE AT AGE 20 IN A CONGENITAL SODIUM DIARRHEA PATIENT</i> Mashette E. Syrkin-Nikolau ¹ , Warren P. Bishop ² , ¹ University of Iowa Carver College of Medicine, Iowa City, IO, USA, ² University of Iowa Children's Hospital, Iowa City, IO, USA
215	1035	<i>EOSINOPHILIC ESOPHAGITIS IN PEDIATRIC CROHN'S DISEASE</i> Xiaoyi Zhang, Christine A. Carter-Kent, Candi S. Jump, Johanna G. Palmadottir, Jennifer P. Beall, Shaoli Sun, Sara T. Colbert, J. Antonio Quiros, Medical University of South Carolina, Charleston, SC, USA
216	1036	<i>EFFECTS OF BEZAFIBRATE ON THE CHOLESTASIS, PRURITUS AND DYSLIPIDEMIA IN PATIENTS WITH ALAGILLE SYNDROME</i> Yasuhiro Hasegawa ¹ , Kazuhiko Bessho ¹ , Hiroki Kondou ² , Kiyotaka Kosugiyama ³ , Yoko Miyoshi ¹ , Koichi Ito ⁴ , Ayano Inui ⁵ , Hironori Nagasaka ⁶ , ¹ Osaka University Graduate School of Medicine, Suita, Osaka, Japan, ² Kindai University Nara Hospital, Ikoma, Nara, Japan, ³ Teine Keijinkai Hospital, Sapporo, Hokkaido, Japan, ⁴ Nagoya City University Graduate School of Medical Science, Nagoya, Aichi, Japan, ⁵ Saiseikai Yokohamashi Tobu Hospital, Yokohama, Kanagawa, Japan, ⁶ Takarazuka City Hospital, Takarazuka, Hyogo, Japan
81	1037	<i>RESOLUTION OF CHRONIC DIARRHEA IN PEDIATRIC PATIENTS FOLLOWING ADMINISTRATION OF A BIOACTIVE POLYPHENOL SUPPLEMENT</i> Anders K. Dahlstrom ¹ , Thomas Lawson ² , Helen Pavis ³ , Neema Patel ⁴ , ¹ Stanford University, Palo Alto, CA, USA, ² Lawson & Associates, El Cerrito, CA, USA, ³ Pediatric Gastroenterology of Monterey, Monterey, CA, USA, ⁴ University of Pittsburgh School of Medicine, Pittsburgh, PA, USA



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217	1038	<i>CAN TISSUE AND PERIPHERAL EOSINOPHILIA BE USED AS PREDICTORS FOR DISEASE OUTCOME IN CHILDREN WITH ULCERATIVE COLITIS?</i> Amit Assa ¹ , Sara Morgenstern ² , Elena Brook ² , Firas Rinawi ¹ , Raanan Shamir ² , ¹ Institute of Gastroenterology, Nutrition and Liver Disease, Schneider Children's Medical Center, Petach Tikva, Israel, ² Rabin Medical Center- Beilinson Campus, Petach Tikva, Israel
218	*1039	<i>FACTORS ASSOCIATED WITH RELAPSE AFTER INFLIXIMAB CESSATION IN PEDIATRIC CROHN'S DISEASE PATIENTS TREATED WITH COMBINED IMMUNOSUPPRESSION</i> Ben Kang, Yon Ho Choe, Kiwuk Lee, So Yoon Choi, Kyunga Kim, Samsung Medical Center, Seoul, South Korea
219	1040	<i>AMELIORATION OF 5-FLUOROURACIL-INDUCED INTESTINAL MUCOSITIS BY ORALLY ADMINISTERED PROBIOTICS IN A SCID MICE MODEL</i> Chun-Yan Yeung, Hung-Chang Lee, Jen-Shiu Chiang Chiau, Mei-Lien Cheng, Wai-Tao Chan, Chun-Bin Jiang, Szu-Wen Chang, MacKay Children's Hospital, Taipei, Taiwan
220	1041	<i>VEN120, A PLANT DERIVED HUMAN LACTOFERRIN, ATTENUATES MURINE INTESTINAL INFLAMMATION VIA MODULATION OF THE MUCOSAL IMMUNE RESPONSE</i> Chris MacManus ¹ , Edwin de Zoeten ² , Tom Nguyen ² , Randall Alfano ¹ , ¹ Ventria Bioscience, Fort Collins, CO, USA, ² University of Colorado, Aurora, CO, USA
221	1042	<i>RISK FACTORS ASSOCIATED WITH PERIANAL CROHN DISEASE IN CHILDREN</i> Wonseok Jin, Eell Ryoo, Kyung In Lim, Hann Tchah, Gachon University, Gil Medical Center, Incheon, South Korea
222	1043	<i>SAFETY OF HOME INFLIXIMAB INFUSIONS IN PEDIATRIC INFLAMMATORY BOWEL DISEASE</i> Stephanie Gold ¹ , Elaine Barfield, ^{1,2} Hoda Hammoud ¹ , Bruce Greenwald ^{1,2} , Robbyn Sockolow ^{1,2} , ¹ Weill Cornell Medical College, New York, NY, USA, ² New York Presbyterian, New York, NY, USA
223	1044	<i>SIX-MONTH 6-THIOGUANINE LEVELS PREDICTS FUTURE THIOPURINE FAILURE IN PEDIATRIC IBD</i> Elizabeth A. Spencer ¹ , Evan Norris ² , Chadwick I. Williams ³ , Marla C. Dubinsky ¹ , ¹ Mt. Sinai Hospital, Icahn School of Medicine, New York, NY, USA, ² George Washington School of Medicine, Washington DC, USA, ³ Horizon Health Network, NB, Canada
224	1045	<i>THE HIGH AFFINITY RECEPTOR FOR PACAP (PAC1) IS PROTECTIVE IN INFLAMMATORY BOWEL DISEASE</i> Emily Whang ¹ , Leon Luong ² , John P. Vu ² , Suwan Oh ² , Joseph R Pisegna ² , Patrizia M. Germano ² , ¹ David Geffen School of Medicine, Los Angeles, CA, USA, ² Department of Veterans Affairs, Greater Los Angeles Healthcare System, Los Angeles, CA, USA
225	1046	<i>PROVIDING TIMELY AND RELIABLE CARE: A QUALITY IMPROVEMENT INITIATIVE TO IMPROVE FOLLOW UP VISIT RATES IN IBD PATIENTS</i> Erealda Prendaj, Sharon Thomas, Gitit Tomer, The Children's Hospital at Montefiore, The University Hospital for Albert Einstein College of Medicine, Bronx, NY, USA
226	1047	<i>HEALTH SERVICES UTILIZATION IN ADOLESCENTS WITH INFLAMMATORY BOWEL DISEASE TRANSITIONING FROM PEDIATRIC TO ADULT CARE: A POPULATION-BASED COHORT STUDY</i> Xinbei Zhao ¹ , Lise M. Bjerre ^{1,2} , Geoffrey C. Nguyen ³ , Steven Hawken ⁴ , Douglas G. Manuel ⁴ , Eric I. Benchimol ⁴ , ¹ University of Ottawa, Ottawa, ON, Canada, ² Bruyère Research Institute, Ottawa, ON, Canada, ³ Institute for Clinical Evaluative Sciences; Mount Sinai Centre for Inflammatory Bowel Disease, Mount Sinai Hospital; University of Toronto, Toronto, ON, Canada, ⁴ Institute for Clinical Evaluative Sciences; Ottawa Hospital Research Institute; University of Ottawa, Ottawa, ON, Canada
227	1048	<i>ANALYSIS OF HEPATITIS B IMMUNE STATUS AMONG UNC PEDIATRIC IBD PATIENTS ON BIOLOGIC THERAPY: ARE OUR PATIENTS PROTECTED?</i> Erica J. Brenner, Beth Mclean, Steven N. Lichtman, Ravi Jhaveri, Ajay S. Gulati, University of North Carolina, Chapel Hill, NC, USA



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228	1049	<i>INFANT MICROBIAL INTESTINAL DYSBIOSIS RESULTS IN ALTERED T CELL RECEPTOR SIGNALING AND COMPROMISES ANTI-VIRAL IMMUNITY</i> Gabriela Gonzalez-Perez, Esi S.N. Lamousé-Smith, Columbia University, New York, NY, USA
229	1050	<i>COMPARISON OF TRANSPERIANAL ULTRASONOGRAPHY WITH COLONOSCOPIC GROSS EXAMINATION AND PERIANAL MAGNETIC RESONANCE IMAGING IN PEDIATRIC CROHN'S DISEASE</i> Eun Hye Lee, Hye Ran Yang, Ji Young Kim, Jin Soo Moon, Jae Sung Ko, Seoul National University Bundang Hospital, Seongnam, Gyeonggi-do, South Korea
230	1051	<i>TREATMENT OF IRON DEFICIENCY AND IRON DEFICIENCY ANEMIA IN 100 PEDIATRIC PATIENTS WITH INFLAMMATORY BOWEL DISEASE</i> Fábia Carvalho ¹ , Inês de Medeiros ¹ , Henedina Antunes ^{1,2} , ¹ Gastroenterology, Hepatology and Nutrition Unit, Hospital de Braga, Porto, Portugal, ² Life and Health Sciences Research Institute (ICVS), School of Health Sciences of University of Minho and Associated Laboratory ICVS's, Braga, Portugal
231	1052	<i>SOLAR RADIATION IS INVERSELY ASSOCIATED WITH INFLAMMATORY BOWEL DISEASE ADMISSIONS IN CHILE</i> María Cecilia Riutort ¹ , Francisca Jaime ¹ , Manuel Álvarez-Lobos ¹ , Rodrigo Hoyos-Bachilloglu ¹ , Carlos A. Camargo Jr ² , Arturo Borzutzky ¹ , ¹ Pontificia Universidad Católica de Chile, Santiago, Chile, ² Massachusetts General Hospital, Harvard Medical School, Boston, USA
232	1053	<i>SLEEP PATTERNS IN PEDIATRIC CROHN'S DISEASE: AN INTERIM ANALYSIS</i> Gabriel Winberry, Faniry Razafindrarivo, Leslie Douglas, James C. Slaughter, Beth Ann Malow, Maciej S. Buchowski, Sari Acra, Vanderbilt University Medical Center, Nashville, TN, USA
233	1054	<i>GRANULOCYTE-MACROPHAGE COLONY-STIMULATING FACTOR BIOACTIVITY AND TIME TO SURGICAL RECURRENCE IN PATIENTS WITH ILEAL CROHN DISEASE</i> Grace Gathungu ¹ , Yuanhao Zhang ¹ , Erin Bonkowski ² , Leahana Rowehl ¹ , Julia Krumsiek ¹ , Claudia Chalk ² , Bruce Trapnell ² , Mi-Ok Kim ² , Wei Zhu ¹ , Rodney Newberry ³ , Lee Denson ² , Ellen Li ¹ , ¹ Stony Brook University, Stony Brook, NY, USA, ² Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA, ³ Washington University St. Louis, St. Louis, MO, USA
234	1055	<i>STUDY ON ASSOCIATION OF HLA-I GENE POLYMORPHISMS WITH PEDIATRIC INFLAMMATORY BOWEL DISEASE</i> Haijiao Xia, Ying Huang, Zhiheng Huang, Children's Hospital of Fudan University, Shanghai, China
235	1056	<i>SAFETY AND EFFICACY OF ORAL, DELAYED-RELEASE MESALAMINE IN CHILDREN AND ADOLESCENTS FOR THE MAINTENANCE OF REMISSION OF ULCERATIVE COLITIS</i> Harland Winter ¹ , Piotr Krzeski ² , Stavros Tourkodimitris ³ , Carl Gommoll ³ , ¹ Massachusetts General Hospital for Children, Boston, MA, USA, ² Medpace, Warsaw, Poland, ³ Allergan PLC, Jersey City, NJ, USA
236	1057	<i>ASSOCIATION OF SERUM AND MUCOSAL INFlixIMAB IN CHILDREN WITH INFLAMMATORY BOWEL DISEASE</i> Hayriye Hizarcioglu Gulsen ¹ , Harland S Winter ¹ , Jess L Kaplan ¹ , Annick de Vries ² , Ronald Boshuizen ² , Christopher J Moran ¹ , ¹ MassGeneral Hospital for Children, Boston, MA, USA, ² Biologicals Lab, Sanquin Diagnostic Services, Amsterdam, Netherlands
237	1058	<i>ASSESSMENT OF NORTH AMERICAN PEDIATRIC GASTROENTEROLOGISTS ON UTILIZATION OF BOWEL ULTRASOUND IN DIAGNOSIS AND MANAGEMENT OF INFLAMMATORY BOWEL DISEASE</i> Heidi E. Hagerott ¹ , Zarela Molle-Rios ¹ , Sharon Gould ¹ , Sudha A. Anupindi ² , ¹ A.I. duPont Hospital for Children/Thomas Jefferson University, Wilmington, DE, USA, ² Children's Hospital of Philadelphia, Philadelphia, PA, USA
238	1059	<i>USE OF INFlixIMAB LEVEL IMMEDIATELY PRIOR TO THIRD DOSE IN DETERMINING MAINTENANCE DOSE AND FREQUENCY</i> Hien Q. Huynh, Matthew Carroll, Cheryl Kluthe, Pavel Medvedev, Eytan Wine, University of Alberta, Edmonton, AB, Canada



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239	1060	<i>FREQUENCY OF INFLUENZA VACCINATION IN PEDIATRIC INFLAMMATORY BOWEL DISEASE PATIENTS AT AN URBAN TERTIARY CARE CENTER</i> Hillary Aaron Moore, Philip Stein, Melissa Shapiro, St. Christopher's Hospital for Children, Philadelphia, PA, USA
240	1061	<i>RISK FACTORS FOR COLECTOMY IN PEDIATRIC PATIENTS WITH ULCERATIVE COLITIS: A SINGLE CENTER EXPERIENCE</i> Hyun Jin Kim ¹ , Kyung Mo Kim ² , Seak Hee Oh ² , Jin Min Cho ³ , ¹ Inje University Busan Paik Hospital, Busan, South Korea, ² Asan Medical Center Children's Hospital, Seoul, South Korea, ³ Seoul National University Bundang Hospital, Seongnam, South Korea
241	1062	<i>CAN INFLIXIMAB MONOTHERAPY BE AS EQUALLY EFFECTIVE AS COMBINED THERAPY? – A STUDY IN 100 PEDIATRIC PATIENTS WITH INFLAMMATORY BOWEL DISEASE</i> Inês de Medeiros, Fábila Carvalho, Antunes, Hospital de Braga, Portugal, Braga, Portugal
242	1063	<i>EVOLUTION OF GROWTH IN CHILDREN WITH INFLAMMATORY BOWEL DISEASE FOLLOWING ANTI-TNF ALPHA THERAPY</i> Isabelle Huard ¹ , Jean-Pierre Olives ² , Julie Rebeuh ¹ , Michel Fischbach ¹ , Anne Breton ² , ¹ CHU Strasbourg Haute-pierre, Strasbourg, Bas-Rhin, France, ² CHU Toulouse, Toulouse, France
243	1064	<i>EFFECT OF ANEMIA ON HEALTH RELATED QUALITY OF LIFE IN CHILDREN WITH INFLAMMATORY BOWEL DISEASE</i> Istvan Danko, Marcy Weidkamp, University of Wisconsin, Madison, WI, USA
244	1065	<i>LIVER RECEPTOR HOMOLOG-1 MEDIATES LIGAND-DEPENDENT PROTECTION OF INTESTINAL EPITHELIUM FROM CELL DEATH</i> James Bayrer, Robert Fletterick, Ophir Klein, Holly Ingraham, University of California San Francisco, San Francisco, CA, USA
245	*1066	<i>IMMUNOGENICITY AFTER SWITCHING FROM REFERENCE INFLIXIMAB TO BIOSIMILAR IN CHILDREN WITH CROHN DISEASE</i> J. Kierkus, J.Sieczkowska, D.Jarzebicka, G.Oracz, The Children Memorial Health Institute, Warsaw, Poland
246	1067	<i>NETWORK MODELING OF CROHN'S DISEASE INCIDENCE</i> Jean-Pierre Hugot, Hopital Robert Debré, Paris, France
247	1068	<i>HEALTH RELATED QUALITY OF LIFE IN PEDIATRIC INFLAMMATORY BOWEL DISEASE PATIENTS RECEIVING INFLIXIMAB: A PILOT STUDY USING THE IMPACT-III QUESTIONNAIRE</i> Jeffrey R. Savarino ¹ , Rajitha D. Venkatesh ^{1,2} , Esther J. Israel ^{1,2} , Jess L. Kaplan ^{1,2} , ¹ MassGeneral Hospital for Children, Boston, MA, USA, ² Harvard Medical School, Boston, MA, USA
248	1069	<i>SPECIFIC CARBOHYDRATE DIET: RELATIONSHIP OF CLINICAL RESPONSE, MICROBIOTA, AND CYTOKINE PROFILES IN PEDIATRIC CROHN'S DISEASE</i> Dennis Spencer ¹ , Jennifer Burgis ¹ , Ben Hobson ² , Kaylie Nguyen ¹ , Kenneth Cox ¹ , KT Park ¹ , ¹ Stanford University, Palo Alto, CA, USA, ² Columbia University, New York, NY, USA
249	1070	<i>VITAMIN D STATUS AND BONE MINERAL DENSITY IN CHILDREN WITH INFLAMMATORY BOWEL DISEASE COMPARED TO THOSE WITH FUNCTIONAL ABDOMINAL PAIN</i> Jenny Sohn ^{1,2} , Hye Ran Yang ^{2,3} , Eun Jae Chang ^{2,3,1} , University of Melbourne Medical School, Melbourne, Australia, ² Seoul National University College of Medicine, Seonnam City, Gyeonggi-do, South Korea, ³ Seoul National University Bundang Hospital, Seonnam City, Gyeonggi-do, South Korea
250	1071	<i>PREVENTION OF PERIANAL DISEASE AMONG PEDIATRIC PATIENTS WITH CROHN'S DISEASE IN A PEDIATRIC INFLAMMATORY BOWEL DISEASE QUALITY IMPROVEMENT COLLABORATIVE</i> Jeremy Adler ¹ , Shiming Dong ¹ , Kevin Dombkowski ^{1,2} , ¹ University of Michigan, Ann Arbor, MI, USA, ² ImproveCareNow Network, Burlington, VT, USA



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251	1072	<i>MAGNETIC RESONANCE ENTEROGRAPHY (MRE) SURVEILLANCE OF ASYMPTOMATIC PEDIATRIC CROHN'S DISEASE PATIENTS</i> Jess L Kaplan ¹ , Kaiming Wu ² , Christopher J Moran ¹ , Jeffrey R Savarino ¹ , Tamsin Board ¹ , Aubrey J Katz ¹ , Jeffrey A Biller ¹ , Harland S Winter ¹ , Esther J Israel ¹ , Michael S Gee ¹ , ¹ MassGeneral Hospital for Children, Boston, MA, USA, ² Massachusetts General Hospital, Boston, MA, USA
252	1073	<i>COMPARATIVE EFFECTIVENESS OF INFLIXIMAB AND EXCLUSIVE ENTERAL NUTRITION THERAPY IN PEDIATRIC CROHN'S DISEASE</i> Jie Chen, Youyou Luo, The Children's Hospital, School of Medicine, Zhejiang University, Hangzhou, Zhejiang, China
253	*1074	<i>GD3-GANGLIOSIDE EXERTS A PROTECTIVE EFFECT ON COLONIC MUCOSA BY MODULATING EXPRESSION OF LIPOPOLYSACCHARIDE INDUCED TNF-α; FACTOR (LITAF) IN MURINE DEXTRAN SODIUM SULFATE (DSS) COLITIS</i> Jiliu Xu, Steven M. Schwarz, Nadia Naz, Virginia Anderson, Sadaf Saghier, The Children's Hospital at Downstate, SUNY Downstate Medical Center, Brooklyn, NY, USA
254	*1075	<i>EXCLUSIVE ENTERAL NUTRITION (EEN) INDUCES SIGNIFICANT CHANGES IN THE METABOLIC CAPACITY OF GUT MICROBIOMES IN PEDIATRIC CROHN'S DISEASE (CD) PATIENTS</i> Katherine A Dunn ¹ , Johan Van Limbergen ^{1,2} , Jessica Moore-Connors ² , Brad MacIntyre ² , Gamal Mahdi ² , Angela Noble ² , Mohsin Rashid ² , Nik Thomas ¹ , Andrew Stadnyk ¹ , Anthony R. Otley ² , Joseph P. Bielawski ¹ , ¹ Dalhousie University, Halifax, NS, Canada, ² IWK Health Centre, Halifax, NS, Canada
255	1076	<i>BARRIERS AND PREDICTORS OF MEDICATION ADHERENCE IN DIVERSE INNER CITY PEDIATRIC PATIENTS WITH INFLAMMATORY BOWEL DISEASE: THE PEDIATRIC BRONX COHORT.</i> Johanna Ferreira ^{1,2} , Gitit Tomer ^{1,2} , Lindsey Gumer ^{1,2} , Rebecca H. Lois ² , Mimi Kim ² , ¹ The Children's Hospital at Montefiore, Bronx, NY, USA, ² The University Hospital for Albert Einstein College of Medicine, Bronx, NY, USA
256	1077	<i>CURCUMIN LOADED POLYETHYLENE GLYCOL - POLYCAPROLACTONE MICROPARTICLES FOR TREATMENT OF INFLAMMATORY BOWEL DISEASE</i> Jonathan Merrell ¹ , David Thompson ² , Alyssa Panitch ² , William Bennett ¹ , Kyle Wright ² , Leslie Sanchez-Torres ² , Varun Prakash ² , ¹ Indiana University, Indianapolis, IN, USA, ² Purdue University, West Lafayette, IN, USA
257	1078	<i>RATES OF MUCOSAL HEALING AND CORRELATION TO CLINICAL ASSESSMENT IN PEDIATRIC CROHN'S DISEASE</i> Megha Mehta, Jonathan Moses, Denise Do, Sharon Perry, Judy Splawski, Thomas J. Sferra, Rainbow Babies and Children's Hospital, Cleveland, OH, USA
258	1079	<i>THE NATURAL HISTORY OF ULCERATIVE COLITIS IN A PEDIATRIC POPULATION: A SINGLE CENTER EXPERIENCE BETWEEN 1988 AND 2013</i> Jooyoung Jang ¹ , Kyung Mo Kim ² , Jimin Cho ³ , Insook Jeong ² , Seak Hee Oh ² , Suk-Kyun Yang ² , ¹ Ajou University School of Medicine, Suwon, Kyunggido, South Korea, ² Asan Medical Center Children's Hospital, University of Ulsan College of Medicine, Seoul, South Korea, ³ Seoul National University Bundang Hospital, Bundang, Kyunggido, South Korea
259	1080	<i>VEDOLIZUMAB RESPONSE AT 14 WEEKS PREDICTS 52 WEEK OUTCOME IN PEDIATRIC CROHN'S DISEASE</i> Jordan Weitzner, Prabhu Shankar, Subramarian Kugathasan, Cary Sauer, ¹ Emory University Atlanta, GA, USA
260	1081	<i>THE ROLE OF THE HYPERINFLAMMATORY PATHWAY IN VERY EARLY-ONSET INFLAMMATORY BOWEL DISEASE</i> Judith Kelsen, Noor Dawany, Maire Conrad, David Piccoli, Claudio Giraudo, Edward Behrens, Kathleen Sullivan, Marcella Devoto, The Children's Hospital of Philadelphia, Philadelphia, PA, USA



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261	*1082	<i>ADALIMUMAB TREATMENT IMPROVES LINEAR GROWTH IN CHILDREN WITH MODERATELY TO SEVERELY ACTIVE CROHN'S DISEASE: RESULTS FROM THE IMAGINE 1 TRIAL</i> Thomas D. Walters ¹ , William A. Faubion ² , Anne M. Griffiths ¹ , Robert N. Baldassano ³ , Johanna Escher ⁴ , Frank M. Ruemmele ⁵ , Jeffrey S. Hyams ⁶ , Andreas Lazar ⁷ , Samantha Eichner ⁸ , Yao Li ⁸ , Roopal B. Thakkar ⁸ , Anne M. Robinson ⁸ , ¹ The Hospital for Sick Children, Toronto, ON, Canada, ² Mayo Clinic, Rochester, MN, USA, ³ Children's Hospital of Philadelphia, Philadelphia, PA, USA, ⁴ Erasmus MC-Sophia Children's Hospital, Rotterdam, Netherlands, ⁵ Universite Sorbonne Paris-Cite, Hospital Necker-Enfants Malades, Paris, France, ⁶ Connecticut Children's Medical Center, Hartford, CT, USA, ⁷ AbbVie Deutschland GmbH & Co. KG, Ludwigshafen, Germany, ⁸ AbbVie Inc., North Chicago, IL, USA
262	1083	<i>PREMEDICATION USE PRIOR TO INFLIXIMAB ADMINISTRATION: A CROSS-SECTIONAL ANALYSIS FROM THE CLINICAL CARE AND QUALITY AND INFLAMMATORY BOWEL DISEASE COMMITTEES OF NASPGHAN</i> Joseph Picoraro ¹ , Gabriel Winberry ² , Corey Siegel ³ , Wael El-Matary ⁴ , Jonathan Moses ⁵ , Andrew Grossman ⁶ , KT Park ⁷ , ¹ Columbia University, New York, NY, USA, ² Vanderbilt University, Nashville, TN, USA, ³ Dartmouth University, Dartmouth, NH, USA, ⁴ University of Manitoba, Manitoba, MB, Canada, ⁵ Case Western Reserve University School of Medicine, Cleveland, OH, USA, ⁶ University of Pennsylvania, Philadelphia, PA, USA, ⁷ Stanford University, Palo Alto, CA, USA
263	1084	<i>EFFECT OF EXCLUSIVE ENTERAL NUTRITION AND CORTICOSTEROID INDUCTION THERAPY ON THE INTES-TINAL MICROBIOME OF PEDIATRIC PATIENTS WITH CROHN'S DISEASE AND ULCERATIVE COLITIS</i> Lara Hart ^{1,2} , Yasamin Farbod ^{1,2} , Camilla Halgren ² , Mary Zachos ^{1,2} , Nikhil Pai ^{1,2} , ¹ McMaster Children's Hospital, Hamilton, ON, Canada, ² McMaster University, Hamilton, Ontario, Canada, Hamilton, ON, Canada
264	1085	<i>ACCELERATED STEP-UP APPROACH AND LONG-TERM DISEASE OUTCOMES IN PEDIATRIC PATIENTS WITH CROHN'S DISEASE</i> Lucas Wauters ¹ , Françoise Smets ² , Jérôme Paul ³ , Séverine Vermeire ¹ , Geneviève Veereman ⁴ , ¹ Universitaire Ziekenhuizen Leuven, Leuven, Belgium, ² Universitair Ziekenhuis Saint-Luc, Brussels, Belgium, ³ DNAlytics, Brussels, Belgium, ⁴ UZ Brussels, Brussels, Belgium
265	1086	<i>THE MONTREAL EXPERIENCE USING USTEKINUMAB IN PEDIATRIC REFRACTORY CROHN'S DISEASE</i> Mallory Chavannes ¹ , Che-Yung Chao ² , Claire Dupont-Lucas ¹ , Prevost Jantchou ¹ , Ernest Seidman ² , Colette Deslandres ¹ , ¹ CHU Sainte Justine, Montreal, QC, Canada, ² McGill University Health Center, Montreal, QC, Canada
266	1087	<i>INFLIXIMAB LEVELS AND CLINICAL DECISIONS</i> Sofia Fernandes, Susana Corujeira, Eunice Trindade, Marta Tavares, Jorge Amil Dias, Centro Hospitalar de São João, Porto, Serviço de Pediatria, Unidade de Gastroenterologia Pediátrica, Porto, Portugal
267	*1088	<i>UTILIZING NAILFOLD CAPILAROSCOPY TO MONITOR DISEASE ACTIVITY IN INFLAMMATORY BOWEL DISEASE</i> Sonal R. Patel, Jacob Kurowski, Joshua Wechsler, Marisa R. Izaguirre, Jeffrey R. Brown, Ann and Robert H. Lurie Children's Hospital of Chicago, Chicago, IL, USA
268	1089	<i>CROHN DISEASE ACTIVITY AND NUTRITIONAL STATUS IN BLACK CHILDREN AND ADOLESCENTS: A SINGLE CENTER EXPERIENCE</i> Katherine Vaidy, Steven M. Schwarz, Jiliu Xu, Simon S. Rabinowitz, Children's Hospital at Downstate, Brooklyn, NY, USA
269	1090	<i>FINAL ADULT HEIGHT OF PEDIATRIC ONSET INFLAMMATORY BOWEL DISEASE PATIENTS IN JAPAN: ANALYSIS AND COMPARISON OF NATIONWIDE REGISTRY BETWEEN 2005 AND 2011.</i> Takashi Ishige, Takeshi Tomomasa, Reiko Hatori, Maiko Tatsuki, Kazuhiko Sekine, Hirokazu Arakawa, Gunma University Graduate School of Medicine, Maebashi, Gunma, Japan



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270	1091	<i>LINEAR GROWTH IMPAIRMENT IN CANADIAN CHILDREN PRESENTING WITH NEW ONSET IBD: A MULTI-CENTER INCEPTION COHORT STUDY</i> Thomas Walters¹, D. Mack^{1,2}, H. Huynh^{1,3}, J. De Bruyne^{1,4}, K. Jacobson^{1,5}, A. Otley^{1,6}, W. El-Matary^{1,7}, C. Deslandes^{1,8}, M. Sherlock^{1,9}, E. Seidman^{1,10}, K. Bax^{1,11}, J. Critch^{1,12}, P. Church^{1,13}, E. Benchimol^{1,2}, E. Wine^{1,3}, S. Lawrence^{1,5}, J. Van Limbergen^{1,6}, P. Jantchou^{1,8}, M. Carroll^{1,3}, A.M. Griffiths^{1,13}, ¹Canadian Children Inflammatory Bowel Disease Network: A Joint Partnership of CIHR and the ChILD Foundation, Toronto, ON, Canada, ²Children's Hospital of Eastern Ontario, Ottawa, ON, Canada, ³Stollery Children's Hospital - University of Alberta, Edmonton, AB, Canada, ⁴Alberta Children's Hospital, Edmonton, AB, Canada, ⁵BC Children's Hospital, Vancouver, BC, Canada, ⁶IWK Health Centre, Halifax, NS, Canada, ⁷Children's Hospital Research Institute of Manitoba, Winnipeg, MB, Canada, ⁸CHU Sainte-Justine, Montreal, QC, Canada, ⁹McMaster Children's Hospital, Hamilton, ON, Canada, ¹⁰Montreal Children's Hospital, Montreal, QC, Canada, ¹¹Children's Hospital of Western Ontario, London, ON, Canada, ¹²Janeway Children's Health & Rehabilitation Centre, St. John's, NL, Canada, ¹³The Hospital for Sick Children, Toronto, ON, Canada
271	1092	<i>IMMUNE RESPONSE TO PRIMARY HEPATITIS B VACCINATION SERIES IN PATIENTS WITH INFLAMMATORY BOWEL DISEASE</i> Uma Padhye Phatak, Danilo Rojas-Velasquez, Anthony Porto, Dinesh S Pashankar, Yale University, School of Medicine, New Haven, CT, USA
272	1093	<i>QUALITY OF LIFE IN PAEDIATRIC CROHN'S DISEASE: DATA FROM THE IMAGEKIDS STUDY</i> Victor Manuel Navas-López¹, Javier Martín-de-Carpi², Amy Grant³, Tom D Walters⁴, Frank Ruemmele⁵, David Mack⁶, Malgorzata Sladek⁷, Raanan Shamir⁸, Ron Shaoul⁹, Shehzad A Saeed¹⁰, Richard K Russell¹¹, Ruth Cytter-Kuint¹², Anne Griffiths⁴, Dan Turner¹², Anthony Otley³, ¹Hospital Materno Infantil, Málaga, Spain & Biomedical Institute of Málaga (IBIMA), Málaga, Spain, ²Unit for the Comprehensive Care of Paediatric Inflammatory Bowel Disease, Barcelona, Spain, ³IWK Health Centre, Halifax, NS, Canada, ⁴The Hospital for Sick Children, Toronto, ON, Canada, ⁵Hôpital Necker-Enfants Malades, Paris, France, ⁶Children's Hospital of Eastern Ontario, Ottawa, ON, Canada, ⁷Jagiellonian University Medical College, Krakow, Poland, ⁸Institute for Gastroenterology, Nutrition and Liver Diseases, Schneider Children's Medical Center, Petach Tikva, Sackler Faculty of Medicine, Tel Aviv University, Israel, ⁹Rambam Health Care Campus, Haifa, Israel, ¹⁰Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA, ¹¹Royal Hospital for Children, Glasgow, UK, ¹²Institute of Paediatric Gastroenterology, Shaare Zedek Medical Centre, The Hebrew University of Jerusalem, Jerusalem, Israel
273	1094	<i>THE CLINICAL CHARACTERISTICS OF INFLAMMATORY BOWEL DISEASE IN CHINESE CHILDREN</i> Xinqiong Wang, Chundi Xu, Xu Xu, Yuan Xiao, Yi Yu, Yian Guo, Yin Gong, Ruijin Hospital, Shanghai, Shanghai, China
274	1095	<i>LABORATORY VALUES IN JAPANESE CHILDREN WITH NEWLY DIAGNOSED INFLAMMATORY BOWEL DISEASE: A SINGLE-CENTER EXPERIENCE</i> Yugo Takaki, Keisuke Eda, Tadahiro Yanagi, Tatsuki Mizuochi, Kurume University School of Medicine, Kurume, Japan
275	1096	<i>THE MUTATION OF INTERLEUKIN-10/INTERLEUKIN-10 RECEPTORS AND CLINICAL CHARACTERIZATION OF CHINESE CHILDREN WITH VERY EARLY ONSET INFLAMMATORY BOWEL DISEASE: A SURVEY OF CHINESE VERY EARLY ONSET INFLAMMATORY BOWEL DISEASE STUDY GROUP</i> Zhiheng Huang¹, Ying Huang¹, Kaiyue Peng¹, Xiaoqin Li², Xiuyong Cheng³, Ruiqin Zhao⁴, Jieyu You⁵, Xiaochuan Wang¹, Zhaoxia Wang⁶, Ying Wang^{1,7}, Bingbing Wu^{1,7}, Huijun Wang^{1,7}, Huasong Zeng^{1,7}, ¹Children's Hospital of Fudan University, Shanghai, Shanghai, China, ²Children's Hospital of Zhengzhou, Zhengzhou, Henan Province, China, ³The First Hospital of Zhengzhou University, Zhengzhou, Henan Province, China, ⁴Children's Hospital of Hebei Province, Shijiazhuang, Hebei, China, ⁵Children's Hospital of Hunan Province, Changsha, Hunan, China, ⁶The First Hospital of Jilin University, Jilin, Jilin Province, China, ⁷Molecular Genetic Diagnosis Center, Shanghai Key Lab Birth Defects, Pediatric Research Institute, Shanghai, Shanghai, China
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276	1097	<i>DISTRIBUTION OF DYSTROPHIN AND UTROPHIN IN GASTRIC WALL OF A PATIENT WITH DUCHENNE MUSCULAR DYSTROPHY AND GASTRIC DYSMOTILITY</i> Ajay Kaul, Christine E Fuller, Brenda Ly Wong, Karen Shellenbarger, Jaime Reuss, Christopher Hackett, Daniel Leno, Cincinnati Children's Hospital and Medical Center, Cincinnati, OH, USA



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277	1098	<i>LYMPHOCYTIC INTESTINAL LEIOMYOSITIS ASSOCIATED WITH CHRONIC INTESTINAL PSEUDO-OBSTRUCTION</i> Khalil El-Chammas ¹ , Ajay Kaul ¹ , Jerzy Stanek ¹ , Jose Garza ² , Steven Liu ² , ¹ Cincinnati Children's Hospital and Medical Center, Cincinnati, OH, USA, ² GI Care for Kids, Atlanta, Georgia, USA
278	1099	<i>THE USE OF INTEGRATIVE MEDICINE IN A PEDIATRIC GASTROENTEROLOGY PRACTICE</i> Mark J. Integlia, Carole Rudman, Matthew Hand, Harohalli Shashidhar, Elliot Hospital/Elliot Pediatric Gastroenterology, Manchester, NH, USA
279	1100	<i>SIGNIFICANT INCIDENCE OF CONSTIPATION IN PEDIATRIC PATIENTS WITH CHRONIC ABDOMINAL PAIN PRESENTING TO THE MULTIDISCIPLINARY CHRONIC ABDOMINAL PAIN CLINIC- A SINGLE CENTER INITIAL EXPERIENCE</i> Ricardo Medina, Rinarani Sanghavi, Thomas Spain, University of Texas - Southwestern Medical Center, Dallas, TX, USA
280	1101	<i>TREATMENT OF RUMINATION SYNDROME THROUGH HIGH-RESOLUTION ESOPHAGEAL FUNCTION TEST (HREFT) BIOFEEDBACK</i> Roberto Gomez-Suarez, Yolanda Denham, Pablo Palomo, James Franciosi, Krystle Sullivan, Nemours Children's Hospital. University of Central Florida, Orlando, FL, USA
281	1102	<i>CASE REPORT: SMALL BOWEL AND COLONIC MANOMETRY IN GASTROSCHISIS</i> Sharon S. Tam, Jaya Punati, Russell J. Merritt, Children's Hospital Los Angeles, Los Angeles, CA, USA
282	1103	<i>ARIPRAZOLE EFFECTIVELY REVERSED GASTROPARESIS</i> Neha Ahuja ¹ , Simon Rabinowitz ² , ¹ Richmond University Medical Center, Staten Island, NY, USA, ² Children's Hospital at Downstate, Brooklyn, NY, USA
283	1104	<i>ENTERIC GANGLIONITIS: A CASE REPORT AND REVIEW OF THE LITERATURE</i> Taina Jausurawong, Matthew Wyneski, Aaron Garrison, Akron Children's Hospital, Akron, OH, USA
284	1105	<i>ENDOSCOPIC FUNCTIONAL LUMINAL IMAGING PROBE (ENDOFLIP?) AS A PROMISING NON-SURGICAL TREATMENT IN PEDIATRIC ACHALASIA</i> Franziska Righini-Grunder, Christophe Faure, Ugur Halac, Sainte-Justine University Hospital, University of Montreal, Montreal, QC, Canada
285	1106	<i>GUT MICROBIOME BIOMARKERS ARE ASSOCIATED WITH INCREASED PSYCHOSOCIAL DISTRESS IN CHILDREN WITH FUNCTIONAL</i> Bruno P. Chumpitazi ¹ , Julia L. Cope ¹ , Erica M. Weidler ¹ , Emily B. Hollister ¹ , Mariella M. Self ² , Danita I. Czyzewski ¹ , Ruth A. Luna ¹ , James Versalovic ¹ , Robert J. Shulman ¹ , ¹ Baylor College of Medicine, Houston, TX, USA, ² Texas Children's Hospital, Houston, TX, USA
286	1107	<i>PREVALENCE AND POSSIBLE RISK FACTORS FOR FUNCTIONAL GASTROINTESTINAL DISORDERS ACCORDING TO THE ROME III CRITERIA IN SPANISH, IN SCHOOL CHILDREN AND ADOLESCENTS FROM CUERNAVACA, MEXICO</i> Carlos Velasco ¹ , Aracelli Leyva ² , Alejandra Mideros ¹ , ¹ Universidad del Valle, Cali, Valle, Colombia, ² Hospital del Niño y del Adolescente Morelense, Cuernavaca, Morelos, Mexico
287	*1108	<i>ESTRADIOL MEDIATES RELAXATION OF PORCINE LOWER ESOPHAGEAL SPHINCTER</i> Ching-Chung Tsai ¹ , Shih-Che Huang ² , Shu-Leei Tey ¹ , ¹ E-Da Hospital and I-Shou University, Kaohsiung City, Taiwan, Japan, ² Toyotomicho National Health Insurance Hospital, Toyotomi-Cho, Hokkaido, Japan
288	1109	<i>ASSESSMENT OF ANATOMICAL POSITION OF THE ANUS AND ITS RELATIONSHIP WITH BOWEL HABITS IN HEALTHY CHILDREN 1 TO 12 MONTHS</i> Christian Boggio Marzet, William Zurita Yong, Maria Teresa Basaldúa, Pirovano Hospital, CABA, Buenos Aires, Argentina



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289	*1110	<i>STUDY OF ERYTHROMYCIN (EES) FOR THE TREATMENT OF GASTROESOPHAGEAL REFLUX DISEASE (GERD) IN PREMATURE NEONATES</i> Cortney Ballengee ¹ , Fara Davalian ³ , Amy Blackman ² , Mark Conaway ² , Cary Sauer ¹ , David Kaufman ² , ¹ Emory University, Atlanta, GA, USA, ² University of Virginia, Charlottesville, VA, USA, ³ Pediatric Medical Group, Seattle, WA, USA
290	1111	<i>THE CLINICAL FEEDING EVALUATION IS INADEQUATE TO ASSESS PEDIATRIC SWALLOW FUNCTION</i> Daniel R. Duncan, Paul Mitchell, Kara Larsson, Rachel L. Rosen, Boston Children's Hospital, Boston, MA, USA
291	1112	<i>ILLNESS PERCEPTIONS IN PATIENTS UNDERGOING MOTILITY TESTING AND THEIR PARENTS: EXAMINATION OF PRE-POST CHANGE</i> Mary Lee Montgomery, Denise Gardner, Anthony Alioto, Rose Schroedl, Karla Vaz, Desalegn Yacob, Carlo Di Lorenzo, Nationwide Children's Hospital, Columbus, OH, USA
292	1113	<i>ROLE OF T-TYPE Ca^{2+} CHANNELS (CAV3.2) IN SPONTANEOUS MECHANICAL ACTIVITY OF COLONIC MUSCLE OF RATS WITH EXPERIMENTAL HIRSCHSPRUNG'S DISEASE</i> Xun Jiang ¹ , Ding-You Li ² , Ni-Ni Zhang ¹ , Jiao Tian ¹ , Zhen Tian ¹ , Lei Shang ¹ , Yan Lin ¹ , Chun-Yan Du ¹ , Bao-Xi Wang ¹ , ¹ Tangdu Hospital, Fourth Military Medical University, Xi'an, Shaanxi, China, ² Children's Mercy Kansas City, Kansas City, MO, USA
293	1114	<i>PREVALENCE OF FUNCTIONAL GASTROINTESTINAL DISORDERS IN THE EUROPEAN-MEDITERRANEAN AREA: PRELIMINARY DATA.</i> Elena Scarpato ¹ , Annamaria Staiano ¹ , Eyad Altamimi ² , Aco Kostovski ³ , Sirin Mneimneh ³ , Sanja Kolacek ⁴ , Vlatka Jurkovic ⁴ , Danijela Pavkov ⁵ , Raanan Shamir ⁶ , Michal Barlev ⁶ , ¹ Department of Translational Medical Sciences, University "Federico II", Naples, Italy, ² Mutah University, Al Karak, Jordan, ³ University Children Hospital, Faculty of Medicine, Skopje, Macedonia, ⁴ Referral Centre for Pediatric Gastroenterology and Nutrition - "University Children's Hospital", Zagreb, Croatia, ⁵ Institute for child and youth health care of Vojvodina, Medical Faculty Novi Sad, Vojvodina, Serbia, ⁶ Institute of Gastroenterology, Nutrition and Liver Diseases, "Schneider's Children's Medical Center of Israel", Tel-Aviv University, Tel-Aviv, Israel
294	1115	<i>OUTCOME OF BIOFEEDBACK TREATMENT IN CHILDREN WITH FECAL INCONTINENCE AND ESTABLISHMENT OF AN "ENVY SCORE".</i> Elie Abi Nader ^{1,2} , Matthieu Zanotti ¹ , Jean-Philippe Jais ¹ , Sandrine Rousselle ¹ , Lorenzo Norsani ¹ , Olivier Goulet ^{1,3} , Christophe Dupont ^{1,3} , Florence Campeotto ^{1,3} , ¹ Necker Enfants Malades University Hospital, Paris, France, ² University Of Saint Joseph, Faculty Of Medicine, Beirut, Lebanon, ³ University Of Paris Descartes, Sorbonne Paris Cité, Paris, France
295	1116	<i>BLASTOCYSTIC HOMINIS AND CHRONIC ABDOMINAL PAIN, IS THERE A RELATIONSHIP?</i> Miguel Angel Vichido Luna, Erick Manuel Toro Monjaraz, Ericka Montijo Barrios, Roberto Cervantes Bustamante, Flora Zarate Modragon, Jose Cadena Leon, Monserrat Cazares Mendez, Martha Lopez Ugalde, Jaime A Ramirez Mayans, Instituto Nacional de Pediatría, Mexico City, Mexico
296	1117	<i>GASTROSTOMY FEEDING TUBE IN RETT SYNDROME: WHO, WHEN AND WHY?</i> Eshan M. Samuel, Ajay Kaul, Jessica Harvey, Paul Horn, Shannon Standridge, Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA
297	1118	<i>FUNCTIONAL GASTROINTESTINAL DISORDERS IN JORDANIAN CHILDREN: CROSS SECTIONAL STUDY</i> Eyad Altamimi ¹ , Eyad Altamimi ¹ , Elena Scarpato ² , Ibraheem Alsaleh ³ , Mustafa Ijam ¹ , Khalid Tantawi ³ , Mahmoud AlKhdour ³ , Yazan Sarayreh ³ , Adham Bani Younes ³ , Basil Aqtam ³ , Mohammad Alassaf ³ , Mohammad Bataineh ⁴ , ¹ Mutah University, Alkarak, Jordan, ² University of Naples Federico II, Naples, Italy, ³ Jordan University Hospital, St. Amman, Jordan, ⁴ Ministry of Health, Jordan
298	1119	<i>CAN PERISTEEN TRANSANAL IRRIGATIONS PREVENT SURGICAL INTERVENTION IN PEDIATRIC PATIENTS WITH ORGANIC DEFECATORY DISORDERS</i> Fiona Paul, Amelia Sparrow, Maria I. Peinado Fabregat, Kristen Rudick, Rebecca Sherlock, Samuel Nurko, Boston Children's Hospital, Boston, MA, USA



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299	1120	<i>PROLONGED CHEMICAL CLEARANCE IN CHILDREN WITH CYSTIC FIBROSIS COMPARED TO SYMPTOMATIC AGE-MATCHED NON-CYSTIC FIBROSIS CHILDREN IS NOT pH-DEPENDENT</i> Frederick W. Woodley ¹ , Rodrigo Strehl Machado ² , Ajay Kaul ³ , Christopher J Nemastil ¹ , Sudarshah Jadcherla ¹ , Kent Williams ¹ , Carlo Di Lorenzo ¹ , Hayat Mousa ⁴ , ¹ Nationwide Children's Hospital, Columbus, OH, USA, ² Universidade Federal de Sao Paulo, Sao Paulo, Brazil, ³ Cincinnati Children's Hospital Research Center, Cincinnati, OH, USA, ⁴ Rady Children's Hospital, San Diego, CA, USA
300	*1121	<i>ABNORMAL MITOCHONDRIAL BIOENERGETICS IN FUNCTIONAL DISORDERS CORRELATES WITH DISABILITY SCORE</i> Gisela Chelimsky, Pippa Simpson, Liyun Zhang, Julie Banda, David Dimmock, Steven Komar, Thomas Chelimsky, Children's Hospital of Wisconsin, Medical College of Wisconsin, Milwaukee, WI, USA
301	1122	<i>UTILITY OF HIGH-RESOLUTION ANORECTAL MANOMETRY IN YOUNG CHILDREN WITH CHRONIC CONSTIPATION</i> Jaya Agarwal, Mayank Mehrotra, Ajmal Hasan, Regency Health Care, Kanpur, India
302	1123	<i>APPROPRIATE EVALUATION OF CONSTIPATION IN THE PEDIATRIC EMERGENCY DEPARTMENT</i> Jennifer Ezirike, Anjali Malkani, Elaine Leonard Puppa, Howard Kader, Getachew Teshome, Forrest Closson, Samra Blanchard, University of Maryland Medical Center, Baltimore, MD, USA
303	1124	<i>AVAILABILITY OF LOW-DOSE CT IN THE DIAGNOSIS OF APPENDICITIS IN CHILDHOOD AND COMPARISON OF ABDOMINAL USG AND STANDARD-DOSE CT</i> Jeong Min Lee, Dae Yong Yi, In Seok Lim, Chung-Ang University Hospital, Seoul, South Korea
304	1125	<i>COMBINED MULTICHANNEL INTRALUMINAL IMPEDANCE (MII) - pH- Metry: CLINICAL EXPERIENCE IN PEDIATRIC POPULATION OF BOGOTA, COLOMBIA</i> Juan Pablo Riveros Lopez ¹ , Valentina Rios Arango ² , Andres Felipe Galindo ² , Diana Leguizamon ² , ¹ Gastrocenter, Bogota, D.C, Colombia, ² Universidad la Sabana, Bogota, D.C, Colombia
305	1126	<i>ARE PROXIMAL EXTENT OR BOLUS CLEARANCE TIME RELEVANT DATA IN EVALUATION OF GASTROESOPHAGEAL REFLUX IN INFANTS WITH APPARENT LIFE THREATENING EVENTS?</i> Judith Cohen Sabban, Virginia Reynoso, Florencia Ursino, Gabriela Donato Bertoldi, Marina Orsi, Hospital Italiano Buenos Aires, CABA, Buenos Aires, Argentina
306	1127	<i>APPLICATION OF 24 HOUR MULTICHANNEL INTRALUMINAL IMPEDANCE AND pH MONITORING FOR EVALUATION OF GASTROESOPHAGEAL REFLUX DISEASE IN PATIENTS WITH NEUROMUSCULAR DISEASES</i> Jui-Yen Huang ^{1,2} , Hsiang-Hung Shih ^{1,2} , Po-Ching Chou ^{1,2} , Yuh-Jyh Jong ² , ¹ Kaohsiung Medical University Hospital, Kaohsiung, Taiwan, ² Kaohsiung Medical University, Kaohsiung, Taiwan
307	1128	<i>DISIMPACTION IN CHILDREN WITH FAECALOMAS AND ENLARGED RECTUM USING POLYETHYLENE-GLYCOL AND SODIUM PICOSULPHATE</i> Julie Jordan-Ely ¹ , Bridget Southwell ¹ , Lauren Dughetti ¹ , Kyla Dobson ¹ , Marcelo Leal ² , John Hutson ² , Tony Catto-Smith ² , ¹ Murdoch Childrens Research Institute, Mooroolbark, Victoria, Australia, ² Royal Childrens Hospital, Parkville, Victoria, Australia
308	1129	<i>URINARY AMINO ACID METABOLOMIC PROFILING IN PEDIATRIC PATIENTS WITH CHRONIC INTESTINAL PSEUDO-OBSTRUCTION</i> Junkai Yan ¹ , Wei Cai ¹ , Jianhu Huang ¹ , Qingqing Wu ¹ , Chaochen Wang ² , ¹ Shanghai Institute of Pediatric Research, Shanghai, Shanghai, China, ² Aichi Medical University, Aichi, Japan
309	1130	<i>ILEAL MOTILITY IS ABNORMAL IN CHILDREN WITH CHRONIC INTESTINAL PSEUDO-OBSTRUCTION BUT NOT IN CHILDREN WITH INTRACTABLE CONSTIPATION</i> Kitzia Colliard, Alejandro Flores, Samuel Nurko, Leonel Rodriguez, Boston Children's Hospital, Boston, Massachusetts, USA
310	*1131	<i>METABOLOMICS ANALYSIS IDENTIFIES NOVEL BIOMARKERS OF EXTRAESOPHAGEAL REFLUX</i> Lisa Mahoney ¹ , Charles Esther, Jr. ² , Rachel Rosen ¹ , ¹ Boston Children's Hospital, Boston, MA, USA, ² University of North Carolina School of Medicine, Chapel Hill, NC, USA



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311	1132	<i>QUALITY IMPROVEMENT ANALYSIS OF BARIUM ENEMA UTILIZATION IN SCREENING FOR HIRSCHSPRUNG DISEASE FOLLOWING THE INTRODUCTION OF A NEW SCREENING TOOL, ANORECTAL MANOMETRY</i> Lusine Ambartsumyan, Kara Cooper, Michele Shaffer, Seattle Children's Hospital, Seattle, WA, USA
312	1133	<i>A QUALITY IMPROVEMENT INITIATIVE: DEVELOPMENT OF AN EVIDENCE BASED GUIDELINE FOR DECREASING GASTROSTOMY TUBE PLACEMENT IN PEDIATRIC PATIENTS WITH ASPIRATION</i> Maireade McSweeney, Jessica Kerr, Patricia Meleedy-Rey, Rachel Rosen, Boston Children's Hospital, Boston, MA, USA
313	1134	<i>THE EFFECTIVENESS OF COMREST (CONSTIPATION MANAGEMENT, RELIEF AND SUPPORT THERAPY) REGIMEN FOR THE TREATMENT OF FECAL IMPACTION AMONG PEDIATRIC PATIENTS IN A TERTIARY HOSPITAL</i> Maria Agatha Garcia, Rebecca A. Castro, Portia D. Monreal, Joanna Marie Choa, University of Santo Tomas Hospital, Manila, Philippines
314	1135	<i>DOES THE DENGUE VIRUS PREDISPOSE CHILDREN TO POSTINFECTIOUS-IRRITABLE BOWEL SYNDROME?</i> Miguel Saps ¹ , Claudia Ortiz ² , Carlo Velasco-Benitez ² , ¹ Nationwide Children's Hospital, Columbus, OH, USA, ² Universidad del Valle, Cali, Colombia
315	1136	<i>CASE REPORT - DISTAL INTESTINAL OBSTRUCTION SYNDROME COMPLICATED BY INTUSSUSCEPTION</i> Natascha Silva Sandy, Aline Cristina Gonçalves, Juliana Correa Campo Barreto, Flávia Andressa Justo, Gabriela de Souza Gomez, Maria de Fatima Correa Pimenta Servidoni, Elizete Aparecida Lomazi, Antonio Fernando Ribeiro, School of Medical Sciences - University of Campinas, Campinas, São Paulo, Brazil
316	1137	<i>PRENATAL NICOTINE EXPOSURE IMPAIRS GASTRIC EMPTYING, GLUCOSE METABOLISM AND GROWTH IN NEWBORN RAT PUPS USING AN INTRAUTERINE GROWTH RESTRICTION MODEL.</i> Neelesh A. Tipnis, Hua Liu, University of Mississippi Medical Center, Jackson, MS, USA
317	1138	<i>GASTRIC ELECTRIC STIMULATION IN TEENAGE CHILDREN: A 2-YEAR FOLLOW-UP STUDY</i> Vinod Kolimarala ¹ , Sonny Chong ¹ , Hany Banoub ¹ , Mashhood Ayaz ¹ , Sritharan Kadirkamanathan ² , ¹ Epsom and St Helier's University Hospital NHS Trust, Carshalton, Surrey, UK, ² Mid Essex Hospital NHS Trust, Chelmsford, Essex, UK
		NUTRITION AND INTESTINAL REHABILITATION
318	1139	<i>AN EASILY OVERLOOKED ETIOLOGY OF SEVERE LACTIC ACIDOSIS AND SHOCK IN A CHILD WITH INTESTINAL FAILURE</i> Allison Behrle Yardley, Clarivet Torres, Anthony Sochet, Mark Connelly, Craig Futterman, David Steinhorn, Children's National Health System, Washington, DC, USA
319	1140	<i>INTESTINAL FAILURE AND END STAGE CENTRAL VENOUS ACCESS. A BRIDGE TO TRANSPLANT AND SUSTENANCE OF PARENTERAL NUTRITION. A CASE SERIES OF UNCONVENTIONAL CENTRAL LINE PLACEMENTS.</i> Andrew Huang, Pablo Palomo, Wendy Grant, Luciano Vargas, David Mercer, Alan Lagnas, Sushama Kunathil, Dick Slater, Christopher Vargo, Ruben Quiros, Joseph McBride, University of Nebraska Medical Center, Omaha, NE, USA
320	1141	<i>CLINICAL FEATURES OF 38 INFANTS WITH FAILURE TO THRIVE</i> Shinnosuke Tsuji, Mikiko Koizumi, Hiroyuki Yamada, Mariko Nakacho, Yasuko Shoji, Masanobu Kawai, Yuri Etani, Shinobu Ida, Osaka Medical Center and Research Institute for Maternal and Child Health, Izumi, Osaka, Japan
321	1142	<i>PEDIATRIC COLLAGENOUS COLITIS AND GASTRITIS:REPORT OF 3 CASES</i> Mariana Middelhof, Philip J. Katzman, Thomas Rossi, Prita Mohanty, University of Rochester Medical Center, Golisano Children's Hospital, Division of Division of Pediatric Gastroenterology and Nutrition, Rochester, NY, USA



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323	1144	<i>THIAMINE DEFICIENCY IN AN ADOLESCENT WITH CELIAC DISEASE AFTER BARIATRIC SURGERY</i> Sarah E. Fleet, Erika Breitfeller, Lori Lynch, Ilene Fennoy, Jeffrey Zitsman, Jennifer Woo Baidal, Columbia University, New York, NY, USA
324	1145	<i>THE ROLE OF DIAGNOSTIC UPPER ENDOSCOPY IN THE MANAGEMENT OF INFANTS WITH FAILURE TO THRIVE</i> Shilpa Sood, Natasha Bamji, Stuart H Berezin, Julian M Stewart, Zachary Messer, Marvin S Medow, New York Medical College, Valhalla, NY, USA
325	1146	<i>LIPID CHARACTERIZATION IN BREAST MILK</i> Francesca Giuffrida, Sagar K. Thakkar, Isabelle Tavazzi, Cynthia Marmet, Maurizio Beggio, Flavia Badoud, Cristina Cruz-Hernandez, Patric Fontannaz, Maria Belen Sanchez-Bridge, Kornel Nagy, Nestlé Research Center, Lausanne, Vaud, Switzerland
326	1147	<i>THE INFLUENCE OF THE TYPE OF FEEDING ON WEIGHT GAIN AND METABOLIC BALANCE OF HIGH RISK NEWBORNS</i> Gabriela Zaharie ¹ , Monica Hasmasanu ¹ , Ligia Blaga ¹ , Toader Zaharie ² , Tudor Drugan ¹ , Melinda Matyas ¹ , ¹ University of Medicine and Pharmacy Iuliu Hatieganu, Cluj-Napoca, Romania, ² Regional Institut of Gastroenterology and Hepatology, Cluj, Cluj-Napoca, Romania
327	1148	<i>FACTORS AFFECTING COPPER LEVELS IN CHOLESTATIC INFANTS ON PARENTERAL NUTRITION</i> Mariana Middelhof, Marilyn Brown, Prita Mohanty, Patricia Chess, University of Rochester Medical Center, Golisano Children's Hospital, Rochester, NY, USA
328	1149	<i>INFLUENCE OF GESTATIONAL AGE ON SERUM INCRETIN LEVELS IN PRETERM INFANTS</i> Hiromichi Shoji, Toshiaki Shimizu, Juntendo University Graduate School of Medicine, Tokyo, Japan
329	1150	<i>MATERNAL FISH OIL DIET RESCUES THE INFERTILITY AND REDUCES THE NEONATAL MORTALITY ASSOCIATED WITH MATERNAL HIGH FAT DIET IN MICE</i> Hiromu Miyake, Pekka Maattanen, Bo Li, Carol Lee, Yuhki Koike, Yong Chen, Philip M Sherman, Agostino Pierro, The Hospital for Sick Children, Toronto, ON, Canada
330	1151	<i>KLOTHO AT BIRTH: CORD BLOOD KLOTHO, ANTHROPOMETRICS, AND METABOLIC HORMONES</i> Janet Wojcicki, Elissa Epel, Aric Pratner, Dena Dubal, University of California – San Francisco, San Francisco, CA, USA
331	1152	<i>OUTCOME OF PERCUTANEOUS ENDOSCOPIC GASTROSTOMY IN CHILDREN: A 15 YEAR REVIEW</i> Jessica Breton ¹ , Valérie Marchand ¹ , Julie Lemale ² , ¹ Sainte-Justine University Hospital Center, University of Montreal, Montreal, QC, Canada, ² Service de Nutrition et Gastroentérologie Pédiatriques, Centre Hospitalier Universitaire Trousseau, Paris, France
332	1153	<i>THE STUDY OF EXTRAUTERINE GROWTH RETARDATION OF PRETERM INFANTS IN SHANGHAI</i> Qingya Tang, Department of Clinical Nutrition, Xin Hua Hospital, School of Medicine, Shanghai Jiao Tong University, Shanghai, China; Shanghai Key Laboratory of Pediatric Gastroenterology and Nutrition, Shanghai, China
333	1154	<i>EFFECTS OF ZINC SUPPLEMENTATION ON CATCH-UP GROWTH IN CHILDREN WITH NON-ORGANIC FAILURE TO THRIVE AS PRETERM INFANTS</i> Jin Min Cho, Hye Ran Yang, Seoul National University Bundang Hospital, Seongnam-si, Gyeonggi-do, South Korea
334	1155	<i>ASSESSMENT OF THE IMPACT OF FEEDING METHOD (BOLUS VS. CONTINUOUS INFUSION) ON CARBOHYDRATE METABOLISM IN ENTERALLY FED CHILDREN WITH NEUROLOGICAL IMPAIRMENT</i> Joanna Kudzin, Beata Gębora-Kowalska, Ewa Toporowska-Kowalska, Department for Pediatric Allergology, Gastroenterology and Nutrition, Medical University of Lotz, Łódź, Poland



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Poster	Abstract	NUTRITION AND INTESTINAL REHABILITATION
335	1156	<i>THE EXPERIENCE OF CAREGIVERS OF CHILDREN WITH MEDICAL COMPLEXITY RECEIVING BLENDERIZED TUBE FEEDING: A QUALITATIVE STUDY.</i> Joanna Soscia, Julia Orkin, Natalie Weiser, The Hospital for Sick Children, Toronto, ON, Canada
336	1157	<i>INTERNATIONAL SURVEY ON NUTRITIONAL HABITS AND DIETARY PATTERNS IN A PAEDIATRIC CYSTIC FIBROSIS COHORT: DIFFERENCES AMONG EUROPEAN COUNTRIES</i> Joaquim Calvo-Lerma ¹ , Jessie Hulst ² , Inês Asseiceira ³ , Ine Claes ⁴ , Maria Garriga ⁵ , Carla Colombo ⁶ , Sandra Woodcock ² , Tiago Martins ³ , Mieke Boon ⁴ , Mar Ruperto ⁵ , Sylvia Walet ² , Chiara Speziali ⁶ , Peter Witters ⁴ , Etna Masip ⁷ , Celeste Barreto ³ , Christiane de Boeck ⁴ , Carmen Ribes-Koninckx ⁷ , ¹ Instituto de Investigación Sanitaria La Fe, Valencia, Valencia, Italy, ² Erasmus MC-Sophia Children's Hospital, Rotterdam, Netherlands, ³ Associação para a investigação e desenvolvimento da Faculdade de Medicina, Lisbon, Portugal, ⁴ Catholic University of Leuven in Belgium, Leuven, Belgium, ⁵ Hospital Universitario Ramón y Cajal, Madrid, Spain, ⁶ University of Milan, Milan, Italy, ⁷ Hospital Universitari i Politècnic La Fe, Valencia, Spain
337	1158	<i>EARLY ONSET METABOLIC SYNDROME AND RISK FACTORS OF DEVELOPING NON-ALCOHOLIC FATTY LIVER DISEASE IN OBESE PREPUBERTAL CHILDREN</i> Ju Young Kim ¹ , Hye Ran Yang ^{1,2} , ¹ Seoul National University Bundang Hospital, Seongnam, Seongnam-si, Gyeonggi-do, South Korea, ² Seoul National University College of Medicine, Seoul, Seongnam-si, Gyeonggi-do, South Korea
338	1159	<i>INCREASED INTESTINAL INFLAMMATION IN CHILEAN INFANTS FED WITH BOVINE FORMULA VERSUS BREAST MILK</i> Juan Cristobal Ossa, Dominique Yañez, Romina Valenzuela, Mauricio Farfan, Hospital Luis Calvo Mackenna, Universidad de Chile, Santiago, RM, Chile
339	*1160	<i>HIGH-SENSITIVITY C-REACTIVE PROTEIN IN CHILDHOOD OVERWEIGHT AND OBESITY: CHARACTERIZATION OF A PEDIATRIC POPULATION</i> Judite Sousa ¹ , Filipa Leite ¹ , Sandra Silva ¹ , Henedina Antunes ^{1,2} , ¹ Unit of Gastroenterology, Hepatology and Nutrition, Hospital de Braga, Braga, Portugal, ² Institute of Life and Health Sciences (ICVS); Health Sciences School of the University of Minho; Associated Laboratory ICVS Guimarães, Braga, Portugal
340	1161	<i>OUTCOMES OF PERCUTANEOUS ENDOSCOPIC GASTROSTOMY IN CHILDREN WITH SEVERE NEUROLOGICAL DISABILITIES</i> Ka Ming Cheung, Yiu Kay Chan, Chun Hung Ko, Caritas Medical Centre, Hong Kong SAR, China
341	1162	<i>QUANTIFICATION OF 18 B-VITAMERS FROM RELATIVELY LOW VOLUME OF HUMAN BREAST MILK</i> Karine Meisser ¹ , Sylvie Bénet ¹ , Lydie Beauport ² , Céline J. Fischer Fumeaux ² , Jean-François Tolsa ² , Sagar K. Thakkar ¹ , Michael Affolter ¹ , Esther Campos Giménez ¹ , ¹ Nestlé Research Center, Lausanne, Vaud, Switzerland, ² Service de Néonatalogie, Centre Hospitalier Universitaire Vaudois, Lausanne, Vaud, Switzerland
342	1163	<i>ORIGIN OF MATERNAL MILK MICROBIAL COMMUNITIES AND SEEDING OF THE INFANT GUT</i> Kattayoun Kordy, Grace M Aldrovandi, Pia S. Pannaraj, Fan Li, Chiara Cerini, Sara Zabih, Children's Hospital of Los Angeles, Los Angeles, CA, USA
343	1164	<i>FEEDING DIFFICULTIES IN CHILDREN WITH DEVELOPMENTAL DISABILITIES</i> Kaye M. Napalinga, Jacqueline O. Navarro, Almida A. Reodica, Center for Developmental Pediatrics, The Medical City, Pasig City, Metro Manila, Philippines
344	1165	<i>THE STUDY FOR ASSOCIATIONS AMONG DEGREE OF NONALCOHOLIC FATTY LIVER, METABOLIC SYNDROME, DEGREE OF OBESITY IN CHILDREN AND PARENTAL OBESITY</i> Ki Soo Kang, Min-su Oh, Sorina Kim, Joon-Hyuck Jang, Jong Yoon Park, Mu Sook Lee, Jeju National University School of Medicine, Jeju, Jeju Special Self-Governing Province, South Korea
345	1166	<i>EFFECTS OF MORINGA OLEIFERA LEAF POWDER IN IMPROVING THE ANTHROPOMETRIC STATUS, HEMOGLOBIN LEVELS AND DIETARY INTAKE OF CHILDREN AGED 6-8 YEARS OLD WITH MODERATE TO SEVERE MALNUTRITION IN A PUBLIC ELEMENTARY SCHOOL IN MANILA</i> Kris Ian B. Mendoza ¹ , Jennie Wong ² , Jennifer Olay ³ , Carlos T. Nunez ² , Violeta Valderrama ² , ¹ Hospital ng Maynila Medical Center, Manila, Philippines, ² Philippine Pediatric Society, Manila, Philippines, ³ Philippine Society of Pediatric Gastroenterology, Hepatology and Nutrition, Manila, Philippines



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Poster	Abstract	NUTRITION AND INTESTINAL REHABILITATION
346	1167	<i>EARLY ADMINISTRATION OF PARENTERAL CHROMIUM ALLOWS FOR INCREASED GIR IN NEONATES</i> Kristin Capone, Timothy Sentongo, Dana Weinstein, Ellen Newton, Kristen Wroblewski, Hilary Jericho, Stacy Kahn, Ranjana Gokhale, Stefano Guandalini, University of Chicago Medicine Comer Children's Hospital, Chicago, IL, USA
347	1168	<i>CLINICAL PROBLEMS IN INFANTS WITH TEMPORARY SHORT BOWEL SYNDROME: A RETROSPECTIVE SINGLE CENTER STUDY</i> Li-na Dai, Wei Cai, Wei-hui Yan, Lu Li-na, Y. Wang, Tao Yi-jing, Ying-Wei Chen, Xinhua Hospital, Shanghai Jiao Tong University School of Medicine; Shanghai Key Laboratory of Pediatric Gastroenterology and Nutrition., Shanghai, Shanghai, China
348	1169	<i>EFFECTS OF PRETERM FORMULAS ON THE GROWTH AND FEEDING TOLERANCE IN PRETERM INFANTS: A PROSPECTIVE MULTICENTER STUDY</i> Lina Lu ¹ , Wei Cai ¹ , Pingyang Chen ² , Ying Wang ³ , Qi Feng ³ , Lei Bao ⁴ , Muxue Yu ⁵ , Mingyuan Wu ⁶ , Shaoru He ⁷ , Jianhua Sun ⁸ , Xiaohui Gong ⁸ , Xirong Gao ⁹ , ¹ Xin Hua Hospital Affiliated to Shanghai Jiao Tong University School of Medicine, Shanghai, Shanghai, China, ² The Second Xiangya Hospital of Central South University, Changsha, Hunan, China, ³ The First Hospital, Peking University, Beijing, Beijing, China, ⁴ The Children's Hospital of Chongqing Medical University, Chongqing, Chongqing, China, ⁵ The First Affiliated Hospital, Sun Yat-sen University, Guangzhou, Guangdong, China, ⁶ Women's Hospital School of Medicine Zhejiang University, Hangzhou, Zhejiang, China, ⁷ Guangdong General Hospital, Guangzhou, Guangdong, China, ⁸ Shanghai Children's Medical Center, Shanghai Jiao Tong University School of Medicine, Shanghai, Shanghai, China, ⁹ Hunan Children's Hospital, Changsha, Hunan, China
349	1170	<i>METABOLOMIC APPROACHES TO EXPLORE CHEMICAL DIVERSITY OF HUMAN BREAST-MILK, FORMULA MILK AND BOVINE MILK</i> Linxi Qian, Xinhua Hospital, Shanghai Jiaotong University, School of Medicine, Shanghai, Shanghai, China
350	1171	<i>THE CONTRIBUTION OF DESSERTS AND SWEETS TO THE DIETS OF INFANTS, TODDLERS AND PRESCHOOLERS IN THE U.S.</i> Lori Bechard, Erin Quann, Kathleen Reidy, Ryan Carvalho, Nestlé Nutrition, Florham Park, NJ, USA
351	1172	<i>MINERAL STATUS OF INFANTS REQUIRING DIETARY MANAGEMENT OF COW'S MILK ALLERGY BY USING AN AMINO ACID-BASED FORMULA</i> BM Harvey ¹ , LF Harthoorn ² , AW Burks ³ , ¹ Children's Investigational Research Program, LLC (CHIRP), Bentonville, AR, USA, ² Nutricia Research, Utrecht, Netherlands, ³ University of North Carolina, Chapel Hill, NC, USA
352	1173	<i>BIOAVAILABILITY OF IRON FORTIFIED DAIRY COMPLEMENTARY FOOD WITH IRON PICOLINATE</i> Magalie Sabatier ¹ , Dominik Grathwohl ¹ , Maurice Beaumont ¹ , Karine Groulx ¹ , CorineNielsen Moennoz ¹ , Fabienne Praplan ¹ , Frederik Delodder ¹ , Sylvaine Oguey-Araymon ¹ , Fanny Guignard, Laurence ¹ , Peter Kastemayer ¹ , Stephane Dubascoux ¹ , Janique Richoz Payot ¹ , Daniel Andrey ¹ , Fabien Foltzer ¹ , Aude Chevalier ¹ , Christophe Zeder ² , Diego Moretti ² , Michael Bruce Zimmermann ² , ¹ Nestlé Research Center, Lausanne, Vaud, Switzerland, ² ETH Zurich, Zurich, Switzerland
353	1174	<i>CHILDHOOD FEEDING DIFFICULTIES FACED IN CHILDREN BY MOTHERS FROM 6 MONTHS TO 2 YEARS IN A TERTIARY HEALTH CARE FACILITY</i> Maha Masood, Maria Dawson, Iqra Anis, Sina Aziz, Karachi Medical and Dental College, Karachi, Sindh, Pakistan
354	1175	<i>ASSESSMENT OF GROWTH AND NUTRITIONAL STATUS IN SHWACHMAN-DIAMOND SYNDROME PATIENTS</i> Marianna Daldoss, Marco Cipolli, Cystic Fibrosis Centre, Azienda Ospedaliera Universitaria Integrata Verona, Verona, Italy
355	*1176	<i>EARLY DISCHARGE OF INTESTINAL FAILURE PATIENTS FROM THE NICU: A PILOT QUALITY IMPROVEMENT INITIATIVE</i> Krishna Mutyala, Mark Deneau, Catalina Jaramillo, Anna Ermarth, Claudia Weinheimer, W. Daniel Jackson, Sharlene Coombs, University of Utah, Salt Lake City, UT, USA



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Poster	Abstract	NUTRITION AND INTESTINAL REHABILITATION
356	1177	<i>DIETARY MANAGEMENT OF NON-IGE MEDIATED COW'S MILK ALLERGIC INFANTS WITH A SYNBIOTICS-SUPPLEMENTED AMINO ACID-BASED FORMULA: EFFECTS ON FAECAL MICROBIOTA AND CLINICAL SYMPTOMS</i> David C.A. Candy¹, Marleen T. J. Van Ampting², Manon M. Oude Nijhuis², Harm Wopereis^{2,3}, Assad M. Butt¹, Diego G. Peroni⁴, Christina E. West⁵, Yvan Vandenplas⁶, Adam T. Fox⁷, Lucien F. Harthoorn², Jan Knol^{2,3}, Louise J. Michaelis⁸, ¹Royal Alexandra Children's Hospital, Brighton, UK, ²Nutricia Research, Nutricia Advanced Medical Nutrition, Utrecht, Netherlands, ³Laboratory of Microbiology, Wageningen University, Wageningen, Netherlands, ⁴University Hospital Verona, Verona, Italy, ⁵Umeå University, Umeå, Sweden, ⁶University Hospital Brussels, Brussels, Belgium, ⁷Guy's & St Thomas' Hospitals NHS Foundation Trust, London, UK, ⁸Great North Children's Hospital, Royal Victoria Infirmary, Newcastle upon Tyne, UK
357	*1178	<i>DOES GUT MICROBIOTA-INDUCED METABOLIC IMPROVEMENT AFTER GASTRIC BYPASS REQUIRE TOLL-LIKE-RECEPTOR SIGNALING?</i> Marwa Abu El Hajja¹, Mohamad Mokadem¹, Nicholas Garcia², ¹University of Iowa Hospitals and Clinic, Iowa City, Iowa, USA, ²University of Iowa, Iowa City, IO, USA
358	1179	<i>A DESCRIPTIVE STUDY ON THE PREVALENCE OF FEEDING DISORDERS IN FILIPINO CHILDREN AGED 1 TO 5 YEARS OLD IN A TERTIARY HOSPITAL IN THE YEAR 2014</i> Rianna Leigh Salazar¹, Mary Jean Guno², ¹Philippine Pediatric Society, Pasig City, National Capital Region, Philippines, ²Philippine Society for Pediatric Gastroenterology, Hepatology and Nutrition, Pasig City, National Capital Region, Philippines
359	*1180	<i>COMPARISON OF WEIGHT-FOR-HEIGHT Z-SCORE AND MID-UPPER ARM CIRCUMFERENCE FOR ASSESSING ACUTE MALNUTRITION IN 6 TO 59 MONTHS OLD BANGLADESHI CHILDREN: AN ANALYTICAL STUDY</i> Iqbal Hossain^{1,2}, Tahmeed Ahmed^{1,2}, Shams El Arifeen¹, SK Masum Billah¹, ASG Faruque¹, Munirul Islam^{1,3}, Alan A Jackson³, ¹icddr, Dhaka, Bangladesh, ²James P Grant School of Public Health, Brac University, Dhaka, Bangladesh, ³International Malnutrition Task Force & Southampton General Hospital, Southampton, UK
		WITHDRAWN
361	1182	<i>EVOLUTION OF PROTEIN COMPOSITION IN BREAST MILK OF CHINESE URBAN MOTHERS AND IMPACT OF CAESAREAN SECTION DELIVERY</i> Michael Affolter¹, Laurent Favre¹, Clara L. Garcia-Rodenas¹, Gerard Vinyes-Pares², Rosemarie Jenni¹, Iris Roggero¹, Ornella Avanti-Nigro¹, Carlos Antonio De Castro¹, Ai Zhao², Yumei Zhang³, Peiyu Wang³, Sagar K. Thakkar¹, ¹Nestlé Research Centre, Lausanne, Switzerland, ²Nestlé Research Centre Beijing, Beijing, China, ³Peking University, Beijing, China
362	1183	<i>INFLUENCE OF DIETITIANS IN PREVENTING PARENTERAL NUTRITION PRESCRIPTION ERRORS IN A PAEDIATRIC SETTING</i> Millie Garg¹, Michael Swab², Declan Gibney², Jennifer Cohen^{1,2}, Nitin Gupta², Chee (Keith) Y Ooi^{1,2}, ¹University of New South Wales, Randwick, New South Wales, Australia, ²Sydney Children's Hospital, Randwick, New South Wales, Australia
363	1184	<i>HYPOPHOSPHATEMIA ASSOCIATED WITH NEOCATE JUNIOR ELEMENTAL FORMULA IN CHILDREN: A CASE SERIES</i> Muhammad Rehan Khan¹, Sivan Kinberg², Meenakshi Rao², Ali Mencin², ¹The Brooklyn Hospital Center, Brooklyn, NY, USA, ²Columbia University Medical Center, New York, NY, USA
364	1185	<i>PERSISTENT COW'S MILK PROTEIN ALLERGY</i> Siala Nadia, Hassouna Rim, Fetni Ilhem, Ouerda Hayfa, Halioui Sonia, Azzabi Ons, Maherzi Ahmed, Mongi Slim Hospital, Sidi Daoud, La Marsa, Tunisia
365	*1186	<i>ASSOCIATING NUTRITIONAL RISK WITH CLINICAL OUTCOMES IN PEDIATRICS PATIENTS: AN APPRAISAL OF DIFFERNET SCREENING TOOLS AND MEASUREMENTS</i> Nara Elizabeth Lara Pompa¹, Mary Fewtrell¹, Jane Williams¹, Sarah MacDonald², Katherine Fawbert², Jane Valente², Vanessa Shaw², Jonathan Wells¹, Susan Hill², ¹Childhood Nutrition Research Centre, UCL Institute of Child Health, London, UK, ²Great Ormond Street Hospital for Children, NHS Foundation Trust, London, UK



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366	1187	<i>NUTRITIONAL REGULATION OF FIBROBLAST GROWTH FACTOR 19 SECRETION IN NEONATES</i> Naureen Memon ¹ , Barry Weinberger ² , Thomas Hegyi ¹ , Mary Carayannopoulos ¹ , Lauren Aleksunes ³ , Grace Guo ³ , ¹ Rutgers Robert Wood Johnson Medical School, New Brunswick, NJ, USA, ² Cohen Children's Medical Center of NY, New Hyde, NY, USA, ³ Pharmacology and Toxicology, Rutgers University, Piscataway, NJ, USA
367	*1188	<i>IMPROVED PULMONARY FUNCTION AND WEIGHT GAIN, REDUCED RESTING ENERGY EXPENDITURE, AND IMPROVED GUT INFLAMMATION AFTER 3-MONTH IVACAFOR TREATMENT IN CYSTIC FIBROSIS</i> Joan Schall ¹ , Nina Sainath ¹ , Carolyn Mcanlis ¹ , Chiara Bertolaso ² , Virginia A. Stallings ¹ , ¹ Children's Hospital of Philadelphia, Philadelphia, PA, USA, ² Universita La Sapienza-Policlinico, Rome, Italy
368	1189	<i>CLINICAL PREDICTORS OF ACTIONABLE HISTOLOGIC ABNORMALITY ON UPPER ENDOSCOPY FOR AN INDICATION OF FAILURE TO THRIVE</i> Noah Hoffman ¹ , Daniel Gratch ² , Petar Mamula ¹ , James D Lewis ² , Alexander G Fiks ¹ , ¹ The Children's Hospital of Philadelphia, Philadelphia, PA, ² The University of Pennsylvania, Philadelphia, PA, USA
369	1190	<i>STOOL MICROBIOTA IN TERM INFANTS FED FORMULA SUPPLEMENTED WITH SYNTHETIC HUMAN MILK OLIGOSACCHARIDES IS ASSOCIATED WITH REDUCED LIKELIHOOD OF MEDICATION</i> Bernard Berger ¹ , Norbert Sprenger ¹ , Dominik Grathwohl ¹ , Philippe Alliet ² , Giuseppe Puccio ³ , Philippe Steenhout ⁴ , ¹ Nestec S.A., Lausanne, Switzerland, ² Jessa Hospital, Hasselt, Belgium, ³ Università di Palermo, Dipartimento Materno Infantile AOUP "Paolo Giaccone", Palermo, Italy, ⁴ Nestlé Health Science, Epalinges, Switzerland
		PANCREATOLOGY
370	1191	<i>SOLID PSEUDOPAPILLARY NEOPLASM OF THE PANCREAS: ATYPICAL PRESENTATIONS OF A RARE PEDIATRIC DISEASE</i> Danielle Ferraguti Gerner, Regino Gonzalez-Peralta, Mary Lenfestey, Sheryl De Leon-Dial, Punitha Jayaramaraju, Steven J. Hughes, David Hernandez Gonzalo, Shawn Larson, David Kays, University of Florida College of Medicine, Gainesville, Florida, USA
371	1192	<i>PANCREATIC NEUROENDOCRINE TUMOR IN A PATIENT WITH TUBEROUS SCLEROSIS</i> Denease Francis, Jonathan Buscaglia, Anupama Chawla, Stony Brook Children's Hospital, Stony Brook, NY, USA
372	1193	<i>PANCREATITIS IN ALLAN-HERNDON-DUDLEY SYNDROME</i> Huyen Nguyen, Diana Montoya, Bradley Barth, University of Texas Southwestern, Dallas, TX, USA
373	1194	<i>MEDIASTINAL HEMATOMA AND HEMOTHORAX IN A 5 YEAR OLD WITH CHRONIC PANCREATITIS CAUSED BY GASTROINTESTINAL DUPLICATION CYST</i> Kathleen Moyer, Atiye Aktay, Rainbow Babies & Children's Hospital, Cleveland, OH, USA
374	1195	<i>A RARE CASE OF TYPE 2 AUTOIMMUNE PANCREATITIS IN A CHILD</i> Rakesh Kumar, Kinjal Suryawala, Marilyn Steele, Oklahoma University, Oklahoma City, OK, USA
375	1196	<i>NEW KID ON THE BLOCK: ABSENCE OF GALLSTONES CAUSING RECURRENT PANCREATITIS</i> Samit B. Patel, Jayantilal Dadhania, Rupinder K. Gill, Saint Peter's University Hospital, New Brunswick, NJ, USA
376	1197	<i>PREDICTING PANCREATITIS PHENOTYPE IN THREE SIBLINGS BASED ON A SHARED GENOTYPE</i> David Vitale, Tom K. Lin, Maisam Abu-El-Hajja, Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA
377	1198	<i>THE ROLE OF GENETIC FACTORS AND PANCREATIC MALFUNCTION IN RECURRENT ACUTE PANCREATITIS</i> Hasan Ali Yuksekkaya, Aylin Yücel, Meltem Gumus, Mehmet Asil, Orhan Ozbek, Necmettin Erbakan University Meram Medical Faculty, Konya, Turkey



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Poster	Abstract	PANCREATOLOGY
378	1199	<i>ETIOLOGY OF CHRONIC PANCREATITIS IN CHILDREN – SINGLE-CENTER EXPERIENCE</i> Grzegorz Oracz ¹ , Karolina Wejnarska ¹ , Elwira Kolodziejczyk ¹ , Agnieszka Magdalena Rygiel ² , Jaroslaw Kierkus ¹ , Jozef Ryzko ¹ , ¹ The Children's Memorial Health Institute, Warsaw, Poland, ² National Research Institute of Mother and Child, Warsaw, Poland
379	1200	<i>CONTINUOUS GLUCOSE MONITORING FOLLOWING PANCREATECTOMY WITH ISLET AUTOTRANSPLANTATION</i> Jaimie D. Nathan, Jose M. Jimenez-Vega, Ranjit S. Chima, Maisam Abu-El-Haija, Tom K. Lin, Joseph J. Palermo, Lindsey N. Hornung, Deborah A. Elder, Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA
380	1201	<i>NASOGASTRIC OR NASOJEJUNAL TUBE FEEDING IN PEDIATRIC ACUTE PANCREATITIS: A CLINICAL RANDOMIZED STUDY</i> Jingan Lou, Jie Chen, Hong Zhao, Jindan Yu, Youyou Luo, Feibo Chen, Children's Hospital, Zhejiang University, Hangzhou, Zhejiang, China
381	1202	<i>RISK FACTORS FOR ASPARAGINASE-ASSOCIATED PANCREATITIS: A SYSTEMATIC REVIEW</i> Judy-April Oparaji ¹ , Fateema Rose ² , Debra Okafor ³ , Amarachi Howard ³ , Abraham Orabi ² , Sohail Husain ² , ¹ NCC Pediatrics - Walter Reed National Military Medical Center, North Bethesda, MD, USA, ² Division of Gastroenterology Hepatology and Nutrition; Children's Hospital of Pittsburgh, Pittsburgh, PA, USA, ³ University of Pittsburgh School of Medicine, Pittsburgh, PA, USA
382	1203	<i>BURDEN OF PEDIATRIC ACUTE PANCREATITIS ON THE HEALTHCARE SYSTEM</i> Lindsey Hornung ¹ , Maisam Abu-El-Haija ¹ , Flora Szabo ² , Heidi Kalkwarf ¹ , ¹ Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA, ² Children's Hospital of Richmond, VCU, Richmond, VA, USA
383	1204	<i>ACUTE PANCREATITIS IN CHILDREN: SPECTRUM OF DISEASE AND PREDICTORS OF SEVERITY</i> Carmo Ferreira ¹ , Alexandra Estrada ¹ , Jorge Correia-Pinto ^{1,2,3,4} , Henedina Antunes ^{1,2,3,4} , ¹ Hospital de Braga, Braga, Portugal, ² Life and Health Sciences Research Institute (ICVS), Braga, Portugal, ³ School of Health Sciences, University of Minho, Braga, Portugal, ⁴ 3B's-PT Government Associate Laboratory, Braga, Guimarães, Braga, Portugal
384	1205	<i>HOW DO IV FLUIDS AFFECT HOSPITAL COURSE IN CHILDREN WITH ACUTE IDIOPATHIC PANCREATITIS?</i> Monica Shukla-Udawatta, Ronald Thomas, Mohammad El-Baba, Childrens Hospital of Michigan, Detroit, MI, USA
385	1206	<i>GENETIC ANALYSIS IN JAPANESE CHILDREN WITH ACUTE RECURRENT AND CHRONIC PANCREATITIS</i> Nobutomo Saito ¹ , Mitsuyoshi Suzuki ¹ , Kei Minowa ¹ , Yumiko Sakurai ¹ , Satoshi Nakano ¹ , Nakayuki Naritaka ¹ , Jin Kan Sai ¹ , Takashi Ishige ² , Daiki Abukawa ³ , Toshiaki Shimizu ¹ , ¹ Juntendo University Graduate school of Medicine, Hongo, Bunkyo-ku, Tokyo, Japan, ² Gunma University Graduate School of Medicine, Showa-machi Maebashi, Gunma, Japan, ³ Miyagi Children's Hospital, Ochiai, Aoba-ku, Sendai, Miyagi, Japan
		NASPGHAN MENTORED SUMMER STUDENTS
386		<i>INFLAMMASOME ACTIVATION BY BACTERIA ISOLATED FROM PEDIATRIC CROHN DISEASE PATIENTS</i> Ghazal Danesh, University of Alberta, Edmonton, AB, Canada, Mentor: Eytan Wine, University of Alberta, Edmonton, AB, Canada
387		<i>DIFFERENCES BETWEEN RESPONDERS AND NON-RESPONDERS TREATED WITH VEDOLIZUMAB FOR PEDIATRIC IBD</i> Rachel Mojdehbakhsh, Drexel University, Philadelphia, PA, USA, Mentor: Judith Kelsen, The Children's Hospital of Philadelphia, Philadelphia, PA, USA
388		<i>MATERNAL ANTIDEPRESSANT (SSRI) EXPOSURE CAUSES CRITICAL ABNORMALITIES IN ENTERIC NERVOUS SYSTEM DEVELOPMENT AND GASTROINTESTINAL MOTILITY: EVALUATION OF A SEROTONIN 4 RECEPTOR ANTAGONIST AS A NOVEL THERAPEUTIC INTERVENTION</i> Virginia Saurman, Touro College of Osteopathic Medicine, New York, NY, USA, Mentor: Kara Gross Margolis, Columbia University Medical Center, New York, NY, USA
389		<i>EARLY ANTIBIOTIC EXPOSURE AND RISK OF CHILDHOOD OBESITY IN LATINOS</i> Annette Ville, University of Florida, Orlando, FL, USA, Mentor: Janet Wojcicki, University of California – San Francisco, San Francisco, CA, USA



SATURDAY

CONCURRENT SESSION VI

IBD THERAPEUTICS

2:00 PM – 3:40 PM

517D

Moderators: Vera Sdepanian, MD and Colette Deslandres, MD

- 2:00 *PHARMACOKINETICS OF BIOLOGIC THERAPY*
Waqas Afif, MD, McGill University Health Center, Montreal, QC, Canada
- Learning objectives:
1. Utilize therapeutic drug monitoring to optimize the treatment of IBD patients who experience a loss of response to biologic therapy
 2. Evaluate the utility of therapeutic drug monitoring during early induction, maintenance and de-escalation of biologic therapy
- 2:20 *EMERGING TREATMENTS*
Athos Bousvaros, MD, Boston Children's Hospital, Boston, MA, USA
- Learning objectives:
1. Know the treatment options for children and young adults with IBD who have not responded to conventional therapies (immunomodulators, biologics)
 2. Understand the benefit/risk ratio of thalidomide in the treatment of pediatric IBD
 3. Know the clinical data supporting the use of vedolizumab and ustekinumab in adults with IBD
- 2:40 *STEP-UP OR TOP-DOWN: IS IT TIME FOR CHANGE?*
Robert Baldassano, MD, Children's Hospital of Philadelphia, Philadelphia, PA, USA
- Learning objectives:
1. To be aware of the serious adverse events associated with pediatric IBD therapies
 2. To understand the evolving goals in treating IBD beyond symptom control
 3. Be familiar with the evidence in support of current treatments with respect to both inducing and maintaining clinical remission and achieving intestinal healing
- 3:00 *CHALLENGES FOR THE PEDIATRIC IBD SURGEON*
Jacob Langer, MD, The Hospital for Sick Children, Toronto, ON, Canada
- Learning objectives:
1. Understand the indications for surgery in a child with IBD
 2. Appreciate some of the controversies surrounding surgical management of IBD
- 3:20 *THE PSYCHOSOCIAL CHALLENGES OF PEDIATRIC IBD*
Eva Szigethy, MD, PhD, University of Pittsburgh, Pittsburgh, PA, USA
- Learning objectives:
1. Understand the diagnosis of depression, anxiety, insomnia and chronic pain in youth with IBD
 2. Understand behavioral and pharmacological treatment options for these neurobiological conditions



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CONCURRENT SESSION VI cont'd

GENETIC AND ENVIRONMENTAL ROLES IN LIVER DISEASE

2:00 PM – 3:40 PM

511BE

Moderators: Karen Murray, MD and Mirta Ciocca, MD

- 2:00 *HOW GENETICS CONTRIBUTES TO OUR DIAGNOSTIC ALGORITHM IN PEDIATRIC LIVER DISEASE*
Kathleen Loomes, MD, Children's Hospital of Philadelphia, Philadelphia, PA, USA
- Learning objectives:
1. Classify the types of genetic testing, and understand the advantages and limitations
 2. Develop an approach to genetic testing for pediatric liver disease, based upon the presenting symptoms and likely differential diagnosis
- 2:20 *INTERACTION OF ENVIRONMENTAL AND GENETIC FACTORS*
Ronald J. Sokol, MD, Children's Hospital Colorado, Aurora, CO, USA
- 2:40 *NON-ALCOHOLIC STEATO-HEPATITIS: SCREENING AND MANAGEMENT*
Valerio Nobili, MD, Stavros Xanthakos, MD, Cincinnati Children's, Cincinnati, OH, USA
- 3:00 *ROLE OF HERBAL/TRADITIONAL MEDICINE IN THE MANAGEMENT OF LIVER DISEASE: PROS AND CONS*
Jian-She Wang, MD, Children's Hospital of Fudan University, Shanghai, China
- Learning objectives:
1. Theory of traditional Chinese medicine and its use patterns
 2. Herbal medicine induced liver injury
 3. Gaps between TCM and Western medicine practitioner
 4. Future of herbal/traditional Chinese medicine
- 3:20 *RECENT ADVANCES IN THE MANAGEMENT OF CHILDHOOD LIVER CANCER*
Greg Tiao, MD, Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA
- Learning objectives:
1. An update on the current staging system for hepatoblastoma
 2. The current treatment strategies for pediatric hepatoblastoma and hepatocellular carcinoma (HCC)
 3. The role of liver transplantation for pediatric hepatic malignancies
 4. The current outcomes of children afflicted with hepatoblastoma and HCC



SATURDAY

CONCURRENT SESSION VI cont'd

NUTRITION AND INTESTINAL REHABILITATION

2:00 PM – 3:40 PM

510BD

Moderators: Ana Sant'anna, MD and Valerie Marchand, MD

- 2:00 *INTESTINAL FAILURE: CAUSES AND PRESENTATION*
Valeria Cohan, MD, Ann and Robert Lurie Children's Hospital, Chicago, IL, USA
- Learning objectives:
1. Review the natural history of intestinal failure in the current era of intestinal rehabilitation programs
 2. Describe the current medical and surgical innovations for intestinal rehabilitation
 3. Discuss the role of intestinal transplant in the current era
- 2:20 *PARENTERAL NUTRITION IN THE HOSPITAL*
Christopher Duggan, MD, Boston Children's Hospital, Boston, MA, USA
- Learning objectives:
1. To review recent data on malnutrition prevalence among pediatric inpatients
 2. To review indications for parenteral nutrition in children admitted to hospital
 3. To understand how estimates of nutrient and energy requirements compare with measured requirements
- 2:40 *LIPIDS AND CHOLESTASIS*
Florence Lacaille, MD Hôpital Necker-Enfants Malades, Paris, France
- Learning objectives:
1. Understand what effect lipid emulsions (LE) can have on the liver
 2. Prescribe and control the administration of lipid emulsions in children on parenteral nutrition
- 3:00 *VENOUS ACCESS IN CHILDREN ON HOME PARENTERAL NUTRITION*
Sanja Kolacek, MD, Children's Hospital Zagreb, Zagreb, Croatia
- Learning objectives:
1. Justify selection of a particular central venous catheter, to select vein as an insertion site in respect to potential benefits and/or complications, and to identify the most appropriate position for the CVC tip
 2. Assess risk factors for the most common complications of parenteral nutrition in children in respect to venous access (thrombosis and infection)
 3. Identify measures for prevention of the complications based on the latest evidence and on the currently valid guidelines
- 3:20 *APPROACH TO ENTERAL NUTRITION*
Oliver Goulet, MD, Hôpital Necker, University of Paris-Cité-Sorbonne, Paris, France



SATURDAY

CONCURRENT SESSION VI cont'd

GI INFECTIONS AND GUT MICROBIOME

2:00 PM – 3:40 PM

524ABC

Moderators: Robert Shulman, MD and Benjamin Gold, MD

2:00

HELICOBACTER PYLORI INFECTION

Paul R Harris, MD, Pontificia Universidad Catolica de Chile, Santiago, Chile

Learning objectives:

1. Evaluate critically current *H. pylori* eradication guidelines and analyze potential beneficial effects of *H. pylori* infection in children
2. Understand how children infected by *H. pylori* show less mucosal damage than adults with similar (virulence and bacterial load) which correlated with a potent Treg response
3. Appreciate the role of gastric microbiota of *H. pylori*-infected children in early mucosal immune responses

2:20

NEW AND EMERGING ENTEROPATHOGENS

Mitchell Cohen, MD, UAB, Children's Hospital of Alabama, Birmingham, AL, USA

Learning objectives:

1. Identify potential new enteropathogens
2. Assess the importance of previously recognized enteropathogens that are emerging as more frequent threats

2:40

EMERGING NEW THERAPIES FOR ENTERIC INFECTIONS

Philip Sherman, MD, FRCPC, The Hospital for Sick Children, Toronto, ON, Canada

Learning objectives:

1. Assess the merits of strategies to prevent acute enteric infections, including probiotics and vaccines
2. Evaluate the role of selected interventions to treat acute enterocolitis, as adjuncts to oral rehydration therapy

3:00

DIETARY INFLUENCES ON COMPOSITION AND FUNCTION OF THE MICROBIOME

Sean Moore, MD, Cincinnati Children's Hospital and Medical Center, Cincinnati, OH, USA

Learning objectives:

1. Understand the role of macronutrients and micronutrients on gut microbial communities.
2. Explore the influence of feeding rhythms and circadian disruption on gut microbial communities.

3:20

ENVIRONMENTAL IMPACTS ON COMPOSITION AND FUNCTION OF THE MICROBIOME

Eytan Wine, MD, University of Alberta, Edmonton, AB, Canada

Learning objectives:

1. Recognize the role of intestinal microbes as sensors of the environment
2. Present examples supporting the effect of the environment on microbes and their function
3. Highlight the key role of early life exposures on shaping the gut microbiome
4. Discuss how these data could be used to treat intestinal (and systemic) illnesses



SATURDAY

CONCURRENT SESSION VI cont'd

ABDOMINAL PAIN

2:00 PM – 3:40 PM

516

Moderators: Armando Madrazo de la Garza, MD and Genevieve Veereman, MD

- 2:00 *WHAT'S NEW IN PAIN PREDOMINANT FUNCTIONAL GASTROINTESTINAL DISORDERS*
Annamaria Staiano, MD, University of Naples Federico II, Naples, Italy
- Learning objectives:
1. Define and classify functional gastrointestinal disorders in children (FGIDs)
 2. Detect epidemiology, costs and quality of life of FGIDs
 3. Define pathogenesis of FGIDs
- 2:20 *APPROACH TO DIAGNOSIS IN PAIN PREDOMINANT FUNCTIONAL GASTROINTESTINAL DISORDERS*
Manu Sood, MD, Children's Hospital of Wisconsin, Milwaukee, WI, USA
- Learning objectives:
1. To understand the limitations of symptom based diagnosis of pain associated functional GI disorders
 2. When and which diagnostic tests are helpful in evaluating children with chronic abdominal pain
- 2:40 *SCIENCE BEHIND ABDOMINAL PAIN*
Elyanne Ratcliffe, MD, McMaster Children's Hospital, Hamilton, ON, Canada
- Learning objectives:
1. Describe the innervation of the gastrointestinal tract
 2. Recognize ion channels and receptors that have been implicated in the pathogenesis of abdominal pain
 3. Discuss the brain-gut-microbiota axis
- 3:00 *THERAPIES: NON-PHARMACOLOGICAL*
Jacinto M. Tobin, MD, James Cook University, Queensland Australia
- Learning objectives:
1. Understand recurrent abdominal pain in childhood as a post-infectious, post antibiotic or transmitted metabolome phenomenon maintained by stressful experiences
 2. Formulate a narrative with the individual patient based on the above understanding
 3. Begin to normalise the child's external and internal environment (and narrative) adopting an empowering ecological approach
- 3:20 *THERAPIES: PHARMACOLOGICAL*
Miguel Saps, MD, Nationwide Children's Hospital, Columbus, OH, USA
- Learning objectives:
1. Impact of functional abdominal pain disorders
 2. Review of evidence on clinical trials on functional abdominal pain disorders
 3. Negative studies and placebo effect
 4. Future directions



SATURDAY

CONCURRENT SESSION VII

LIVING RELATED TRANSPLANTATION

4:00 PM – 5:30 PM

511CF

Moderators: Estella Alonso, MD and Mureo Kasahara, MD

4:00

LIVING RELATED TRANSPLANTATION COMES OF AGE

Vicky Ng, MD, The Hospital for Sick Children, Toronto, ON, Canada

Learning objectives:

1. To review current outcomes of living donor liver transplantation (LDLT) in children
2. To evaluate factors associated with long-term patient and graft survival after LDLT
3. To discuss living anonymous liver donor (LALD) organs as an alternate source of organ supply – eligibility criteria and reasons for acceptance in the Toronto program

4:20

GLOBAL PERSPECTIVE ON ALF

Moderator: M Kasahara, MD

Panelists: Anupam Sibal, MD, Seisuke Sakamoto MD, Robert Squires, MD, Gilda Porta, MD

Panel Questions and Answers

RESEARCH SESSION: PANCREATIC INSUFFICIENCY / CYSTIC FIBROSIS / PANCREATITIS

4:00 PM – 5:24 PM

510BD

Moderators: Aliye Uc, MD and Eduardo Hebel, MD

4:00

SHWACHMAN-DIAMOND SYNDROME: UPDATE ON DIAGNOSIS AND MANAGEMENT

Marco Cipolli, MD

Learning objectives:

1. Highlight the differences between SDS and CF with a focus on pancreas and nutritional aspects
2. Discuss the characteristics of the follow up of the SDS patients and possible new therapeutic opportunities

4:20

1207. *TARGETED INHIBITION OF PANCREATIC ACINAR CELL CALCINEURIN IS A NOVEL STRATEGY TO PREVENT POST-ERCP PANCREATITIS*

Li Wen, Sohail Z Husain, Abraham I. Orabi, Tanveer A. Javed, Subramniam Sanker, Children's Hospital of Pittsburgh of UPMC, Pittsburgh, PA, USA

4:32

DIAGNOSIS OF PANCREATIC INSUFFICIENCY: TOOLS, TESTS, WHAT EXISTS, PROS/ CONS

Veronique Morinville, MD

Learning objectives:

1. Describe various methods available for screening and diagnosis of exocrine pancreatic insufficiency (EPI)
2. Understand the rationale for use and limitations of particular tests for EPI

4:52

1208. *ZINC MEDIATES PANCREATITIS RESPONSES IN IN VITRO AND IN VIVO MOUSE MODELS OF ACUTE PANCREATITIS*

Madhura Phadke, Fred Gorelick, Yale University School of Medicine, New Haven, CT, USA

5:04

CYSTIC FIBROSIS-ASSOCIATED LIVER DISEASE CFLD, INCLUDING PORTAL HYPERTENSION

Michael Narkewicz, MD

Learning objectives:

1. Know the epidemiology and risk factors for advanced liver disease in cystic fibrosis
2. Understand the prevalence of complications from advanced liver disease in cystic fibrosis



SATURDAY

CONCURRENT SESSION VII cont'd

CHILDHOOD DIARRHEA/ENVIRONMENTAL ENTEROPATHIES

4:00 PM – 5:20 PM

524ABC

Moderators: Philip Sherman MD, FRCPC and Martín Martín MD

4:00

ENVIRONMENTAL ENTEROPATHIES AND CHILDHOOD DIARRHEA

George Fuchs, MD, University of Kentucky College of Medicine, Lexington, KY, USA

Learning objectives:

1. The clinical and epidemiologic features of environmental enteric dysfunction
2. The relationship between enteric pathogens and environmental enteric dysfunction
3. The potential role of small bowel overgrowth and environmental dysfunction

4:20

MICROBIOME AND BIOMARKERS OF ENVIRONMENTAL ENTEROPATHIES

Ulysses Fagundes Neto, MD, Instituto de Gastroenterologia Pediátrica de São Paulo, São Paulo, Brazil

Learning objectives:

1. Describe our experience utilizing these biomarkers in Brazilian children living in various different communities of low income families with lack of basic sanitary conditions. (Carbohydrate, as a substrate)

4:40

ACUTE GASTROENTERITIS AND IMPACT OF MALNUTRITION, (ENVIRONMENTAL ENTEROPATHIES)

Eduardo Salazar-Lindo, MD, GastroLab, Surco, Peru

Learning objectives:

1. To understand the synergistic interaction between infectious diarrhea and malnutrition
2. To learn that during an episode of acute infectious diarrhea, wasting and micronutrients imbalance are common outcomes, if diarrhea is not properly treated
3. To consider that environmental enteric dysfunction (formerly called environmental enteropathy), as a prevalent pre-existing condition in children living in poverty, may boost the negative nutritional impact of infectious diarrhea

5:00

EDUCATIONAL PROGRAMS FOR THE MANAGEMENT OF ACUTE GASTROENTERITIS

Alfredo Guarino, MD, University of Naples Federico II, Naples, Italy

Learning objectives:

1. Identify, design and promote practical interventions related to each of the 3 fields (medical intervention, education and research) that may help to reach the priorities indicated in the 2012 report. This WG will be active until the next World Congress and presents what we will be able to achieve in the 2016 World Congress



SATURDAY

CONCURRENT SESSION VII cont'd

HOT TOPICS IN NEUROGASTROENTEROLOGY

4:00 PM – 5:20 PM

511BE

Moderators: B Li, MD and Ajay Kaul, MD

4:00

WHAT'S NEW IN CONSTIPATION

Marc Benninga, MD, Emma Children's Hospital, Amsterdam, Netherlands

Learning objectives:

1. To learn the new Rome IV criteria for functional constipation
2. To learn about the new treatment options for functional constipation

4:20

WHAT IS NEW IN PEDIATRIC GASTROESOPHAGEAL REFLUX DISEASE?

Neelesh Tipnis, MD, University of Mississippi Medical Center, Flowood, MS, USA

Learning objectives:

At the end of the session, learners should be able to

1. Identify clinical characteristics which differentiate physiologic gastroesophageal reflux from pathologic gastroesophageal reflux disease
2. List appropriate treatment strategies for pediatric gastroesophageal reflux disease based on best available evidence
3. Identify at least 3 other causes of symptoms mimic gastroesophageal reflux disease in children.
4. Utilize an appropriate diagnostic strategy to identify patients where acidic gastroesophageal reflux disease may be contributing to disease

4:40

ENVIRONMENTAL TRIGGERS IN NEUROGASTROENTEROLOGICAL DISORDERS

Robert Heuckeroth, MD, Children's Hospital of Philadelphia, Philadelphia, PA, USA

Learning objectives:

1. Explain to families why abdominal pain and altered bowel motility persist after infection, inflammation or other stressors
2. Explain why some medicines and nutritional deficiencies increase Hirschsprung disease risk and alter bowel motility
3. Understand how early life events may lead to persistent changes in pain responsiveness and bowel motility

5:00

AERODIGESTIVE DISEASE IN CHILDREN

Rachel Rosen, MD, Boston Children's Hospital, Boston, MA, USA

Learning objectives:

1. To understand the differential diagnosis of gastrointestinal causes for pulmonary diseases
2. To understand the role of motility disorders in the generation of pulmonary symptoms
3. To understand the utility of diagnostic testing in the evaluation of patients with extraesophageal symptoms



SATURDAY

CONCURRENT SESSION VII cont'd

RESEARCH SESSION: CELIAC AND OTHER LUMINAL DISORDERS

4:00 PM – 5:13 PM

517D

Moderators: Edward Hoffenberg MD and Sibylle Koletzko MD

- 4:00 1209. *OBETIC HOLIC ACID REGULATION OF INTESTINAL MICROBIOTA COMPOSITION PROTECTS AGAINST CLOSTRIDIUM DIFFICILE INFECTION*
Mary Elizabeth M. Tessier^{1,2}, Aaron Brown¹, Jennifer Spilner¹, Cana Ross¹, Prapaporn Boonma¹, Sarah Dann³, Joseph Sorg⁴, Michael Francis⁴, Ruth Ann Luna¹, Margaret Conner¹, Benjamin Shneider¹, ²Sundararajah Thevananther¹, Tor Savidge¹, ¹Baylor College of Medicine, Houston, TX, USA, ²Texas Children's Hospital, Houston, TX, USA, ³University of Texas Medical Branch, Galveston, TX, USA, ⁴Texas A&M University, College Station, TX, USA
- 4:12 1210. *ANTIBIOTIC EXPOSURE IN THE FIRST YEAR OF LIFE AND RISK OF CELIAC DISEASE: A NATIONAL REGISTER-BASED STUDY*
Stine Dydensborg Sander¹, Anne Vinkel Hansen², Steffen Husby¹, Anne Marie Nybo Andersen², Ketil Stordal³, ¹Hans Christian Andersen Children's Hospital, Odense University Hospital, Odense, Denmark, ²Institute of Public Health, University of Copenhagen, Copenhagen, Denmark, ³Division of Epidemiology, Norwegian Institute of Public Health, Oslo, Norway
- 4:24 **STATE OF THE ART LECTURE**
IMMUNOLOGY OF CELIAC DISEASE: WHERE DO WE STAND IN 2016?
Riccardo Troncone, MD, Federico II University of Naples, Naples, Italy
- Learning objectives:
1. Evidence of innate immunity activation in the coeliac mucosa
 2. Characterization of CD4 and CD8 gliadin-specific T cells
 3. Innate and adaptive mucosal immune responses in potential celiac disease
 4. Translation into new therapeutic strategies
- 4:49 1211. *MODE OF DELIVERY AND RISK OF CELIAC DISEASE IN AT-FAMILY-RISK INFANTS PROSPECTIVELY INVESTIGATED FROM BIRTH: THE CELIPREV STUDY*
Elena Lionetti¹, Ruggiero Francavilla¹, Stefania Castellaneta¹, Alfredo Pulvirenti¹, Alessio Fasano², Carlo Catassi¹, ¹Marche Polytechnic University, Ancona, Italy, ²MassGeneral Hospital for Children and the Celiac Program, Boston, USA
- 5:01 1212. *RE-EXPLORING THE ICEBERG OF CELIAC DISEASE IN CHILDREN: PRELIMINARY RESULTS OF A MULTICENTER ITALIAN SCREENING PROJECT BASED ON A RAPID HLA DQ TYPING TEST*
Simona Gatti¹, Tiziana Galeazzi¹, Anil K Verma¹, Alessandra Palpacelli¹, Roberta Annibali¹, Giada Del Baldo¹, Elisa Franceschini¹, Linda Balanzoni², Anna Maria Colombari², Chiara Monachesi¹, Novella Scattolo², Mauro Cinquetti², Giovanni Maria Maggiore³, Elena Lionetti¹, Carlo Catassi¹, ¹Università Politecnica delle Marche, Ancona, Italy, ²Frà Castoro Hospital, San Bonifacio, Verona, Italy, ³Biodiogene, Palermo, Italy



SATURDAY

CONCURRENT SESSION VII cont'd

RESEARCH SESSION: ENDOSCOPY/IMAGING

4:00 PM – 5:13 PM

516

Moderators: Ying Kit Leung, MD and Robert Kramer, MD

- 4:00 1213. *SMALLER PATIENT SIZE IS ASSOCIATED WITH TECHNICAL FAILURE IN PEDIATRIC ENDOSCOPIC RETROGRADE CHOLANGIOPANCREATOGRAPHY: A PROSPECTIVE MULTICENTER STUDY*
David M. Troendle¹, Bradley A. Barth¹, Doug Fishman², Quin Y. Liu¹, Matthew Giefer⁴, Kyung Mo Kim⁵, Mercedes Martinez⁶, Luigi Dall'oglio⁷, Giulia Angelino⁷, Paola De Angelis⁷, Sam Bitton⁸, Michael Wilsey⁹, Racha Khalaf⁹, Steven Werlin¹⁰, Kulwinder Dua¹⁰, Roberto Gugig¹¹, Petar Mamula¹², J. Antonio Quiros¹³, Amit Grover¹⁴, Victor Fox¹⁴, ¹University Texas Southwestern Medical Center; Children's Health, Dallas, TX, USA, ²Baylor College of Medicine; Texas Children's Hospital, Houston, TX, USA, ³University of Southern California; Children's Hospital of Los Angeles, Los Angeles, CA, USA, ⁴University of Washington; Seattle Children's Hospital, Seattle, WA, USA, ⁵University of Ulsan College of Medicine; Asan Medical Center Children's Hospital, Seoul, The Republic of Korea, ⁶Columbia University; NY Presbyterian Morgan Stanley Children's Hospital of NY, NY, NY, USA, ⁷Bambino Gesù Children's Hospital, Rome, Italy, ⁸Hofstra North Shore-LIJ School of Medicine; Steven and Alexandra Cohen Children's Medical Center, New Hyde Park, NY, USA, ⁹Johns Hopkins All Children's Hospital, St. Petersburg, FL, USA, ¹⁰Medical College of Wisconsin; Children's Hospital of Wisconsin, Milwaukee, WI, USA, ¹¹Children's Hospital of Central California, Madera, CA, USA, ¹²Children's Hospital of Philadelphia, Philadelphia, PA, USA, ¹³MUSC Children's Hospital, Charleston, SC, USA, ¹⁴Harvard Medical School; Boston Children's Hospital, Boston, MA, USA
- 4:12 1214. *QUALITY INDICATORS IN PEDIATRIC DIGESTIVE ENDOSCOPY: LESSONS LEARNED FROM A HIGH VOLUME ENDOSCOPY UNIT*
Anne-Sophie Groleau, Melissandre Ostiguy, Prévost Jantchou, Sainte-Justine University Hospital Center, Montreal, QC, Canada
- 4:24 **STATE OF THE ART LECTURE**
A COMING OF AGE: IMPROVING THE QUALITY OF ENDOSCOPIC RESEARCH
Alan Barkun MD, McGill University, Montreal, QC, Canada
- Learning objectives:
1. Appreciate the importance of using validated tools for assessing patient outcomes and quality in digestive endoscopy
 2. Be familiar with pitfalls in study designs, particularly as they apply to digestive endoscopy
 3. Understand possible causes for limitations in the uptake of high quality research results in digestive endoscopy
- 4:49 1215. *ENDOSCOPIC ULTRASOUND GUIDED DRAINAGE OF PANCREATIC FLUID COLLECTIONS IN CHILDREN*
Zaheer Nabi, Sundeep Lakhtakia, Jahangeer Basha, India, Rupjyoti Talukdar, Duvvur Nageshwar Reddy, Asian Institute of Gastroenterology, Hyderabad, Telangana, India
- 5:01 1216. *POLYPOID GANGLIONEUROMAS: AN UNRECOGNIZED ASSOCIATION WITH SPORADIC JUVENILE POLYPS*
Maya DeGroot, Victor L. Fox, Jeffrey D. Goldsmith, Boston Children's Hospital, Boston, MA, USA



SATURDAY

CLOSING CEREMONY

517D
5:45 PM – 6:15 PM

CONGRESS GALA DINNER

Starry, Starry Nights

Tickets Required
Windsor Station
7:00 PM – 10:00 PM

The Windsor Station, which was once a busy passenger railway station, will be the site of the WCPGHAN Gala. The glass domed room will be highlighted by lighting to accent the Starry, Starry Nights theme. Dinner will be served from themed buffet stations featuring foods from Montreal and around the world.

The evening will be animated by a DJ and dancing.

The venue is a 15-20 walk from the Palais des congrès. A shuttle service will depart from the Palais at the Viger Street entrance beginning at 6:30 PM and will continue until 7:30 PM. Buses will return to the Palais starting at 9:00 PM and will continue until 10:00 PM.

Prepurchased tickets are required for entry. If you have not purchased a ticket, please see the Registration Desk. \$25 per Registration and \$100 for accompanying person which includes shuttle transportation, food and beer, wine or soft drinks, and a lot of fun!



DATE: Friday 7th October
TIME: 12:30 to 14:00
LOCATION: Room 510 AC

**PLEASE
JOIN US**

Revestive®▼ (teduglutide): Treating Short Bowel Syndrome

- 12:30-12:35 **Chairperson's introduction**
Dr. David Bull, *Moderator, UK*
- 12:35-12:55 **Short bowel syndrome (SBS) in children**
Prof. Olivier Goulet, *Necker Enfants Malades University Hospital, Paris, France*
- 12:55-13:10 **Natural history of SBS in children – adaptation and the role of growth factors**
Dr. David Sigalet, *Sidra Medical & Research Centre, Doha, Qatar*
- 13:10-13:25 **The management of SBS-IF in children**
Dr. Susan Hill, *Great Ormond Street Hospital, London, UK*
- 13:25-13:45 **Revestive (paediatric indication)**
Dr. David Sigalet & Dr. Susan Hill
- 13:45-14:00 **Question & answer forum All**
- 14.00 **Close**

Revestive use in children is registered/approved in the EU. Revestive is not licensed for use in children in Canada.
The information contained herein does not necessarily reflect the content of the approved Canadian product monograph.



REVESTIVE® (teduglutide) Abbreviated Prescribing Information

▼ This medicinal product is subject to additional monitoring. This will allow quick identification of new safety information. Healthcare professionals are asked to report any suspected adverse reactions via the national reporting system found under section 4.8 of the Summary of Product Characteristics.

Please read the Summary of Product Characteristics (SmPC) before prescribing. Revestive 5 mg powder and solvent for solution for injection (teduglutide) Indication: Treatment of patients aged 1 year and above with Short Bowel Syndrome (SBS). Patient should be stable following a period of intestinal adaptation after surgery.

Dose and administration: Treatment should be initiated under the supervision of a medical professional with experience in the treatment of SBS. Treatment should not be initiated until it is reasonable to assume that a patient is stable following a period of intestinal adaptation. Optimisation and stabilisation of intravenous fluid and nutrition support should be performed before initiation of treatment. Clinical assessment by the physician should consider individual treatment objectives and patient preferences. Treatment should be stopped if no overall improvement of the patient condition is achieved. Efficacy and safety in all patients should be closely monitored on an ongoing basis according to clinical treatment guidelines.

Posology:

Adults The recommended dose of Revestive is 0.05 mg/kg body weight once daily. The injection volume per body weight is provided in the SmPC. Due to the heterogeneity of the SBS population, a carefully monitored down-titration of the daily dose may be considered for some patients to optimise tolerability of the treatment. If a dose is missed, that dose should be taken as soon as possible on that day. Treatment effect should be evaluated after 6 months. Continued treatment is recommended for patients who have weaned off parental nutrition.

Paediatric population Treatment should be initiated under the supervision of a medical professional with experience in the treatment of paediatric SBS.

The recommended dose of Revestive in children and adolescents is the same as for adults. The injection volume per body weight is provided in the SmPC. If a dose is missed, that dose should be taken as soon as possible on that day. A treatment period of 12 weeks is recommended after which treatment effect should be evaluated. There are no data in paediatric patients after 12 weeks.

Special populations

Elderly No dose adjustment is necessary in patients above the age of 65 years.

Renal impairment No dose adjustment is necessary for adult or paediatric patients with mild renal impairment. In adult or paediatric patients with moderate and severe renal impairment (creatinine clearance less than 50 ml/min), and end-stage renal disease, the daily dose should be reduced by 50%.

Hepatic impairment No dose adjustment is necessary for patients with mild and moderate hepatic impairment based on a study conducted in Child-Pugh grade B subjects. Revestive has not been studied in patients with severe hepatic impairment.

Paediatric population The safety and efficacy of Revestive in children below 1 year of age have not been established. No data are available.

Method of administration: The reconstituted solution should be administered by subcutaneous injection once daily, alternating sites between 1 of the 4 quadrants of the abdomen. In case the injection into the abdomen is hampered by pain, scarring or hardening of the tissue, the thigh can also be used. Revestive should not be administered intravenously or intramuscularly.

Contraindications: Hypersensitivity to the active substance or to any of the excipients, or trace residues of tetracycline. Active or suspected malignancy. Patients with a history of malignancies in the gastrointestinal tract including the hepatobiliary system within the last five years.

Warnings and precautions:

Colo-rectal polyps A colonoscopy with removal of polyps should be performed at the time of starting treatment. Yearly follow-up colonoscopies are recommended during the first 2 years. Subsequent colonoscopies are recommended at a

minimum of five year intervals. An individual assessment whether increased frequency of surveillance is necessary should be performed based on the patient. If a polyp is found, adherence to current polyp follow-up guidelines is recommended. In case of malignancy, therapy should be discontinued.

Gastrointestinal neoplasia including hepatobiliary tract In the rat carcinogenicity study, benign tumours were found in the small bowel and the extrahepatic bile ducts. These observations were not confirmed in clinical studies of more than one year duration. If a neoplasia is detected, it should be removed. In case of malignancy, Revestive treatment should be discontinued.

Gallbladder and bile ducts Cases of cholecystitis, cholangitis, and cholelithiasis have been reported in clinical studies. In case of gallbladder or bile duct-related symptoms, the need for continued treatment should be reassessed. Pancreatic diseases Chronic and acute pancreatitis, pancreatic duct stenosis, pancreas infection and increased blood amylase and lipase have been reported in clinical studies. In case of pancreatic adverse events, the need for continued treatment should be reassessed.

Monitoring of small bowel, gallbladder and bile ducts, and pancreas

SBS patients are to be kept under close surveillance according to clinical treatment guidelines. This includes the monitoring of short bowel function, gallbladder and bile ducts, and pancreas for signs and symptoms, and, if indicated, additional laboratory investigations and appropriate imaging techniques.

Intestinal obstruction Cases have been reported in clinical studies. In case of recurrent intestinal obstructions, the need for continued treatment should be reassessed.

Cardiovascular Patients with cardiovascular disease, such as cardiac insufficiency and hypertension, should be monitored with regard to fluid overload, especially during initiation of therapy. Patients should contact their physician in case of sudden weight gain, swollen ankles and/or dyspnoea. Fluid overload can be prevented by appropriate and timely assessment of parenteral nutrition needs.

Assessment should be conducted more frequently within the first months of treatment. In case of a significant deterioration of the cardiovascular disease, the need for continued treatment should be reassessed.

Management of fluids during treatment Parental support should be reduced carefully and should not be discontinued abruptly. The fluid status should be evaluated following parental support reduction and adjusted as needed.

Concomitant medication Patients receiving oral concomitant medicinal products requiring titration or with a narrow therapeutic index should be monitored closely due to potential increased absorption.

Special clinical conditions Caution should be exercised when prescribing in patients with severe, clinically unstable concomitant diseases or with malignancies within the last five years.

Hepatic impairment Revestive has not been studied in patients with severe hepatic impairment. The data from use in subjects with moderate hepatic impairment do not suggest a need for restricted use.

Discontinuation of treatment Due to the risk of dehydration, discontinuation of treatment should be managed carefully.

Excipients Revestive contains less than 1 mmol sodium (23 mg) per dose. This means that it is essentially 'sodium-free'. Caution is needed when administering Revestive to persons with a known hypersensitivity to tetracycline.

Colo-rectal polyps/Neoplasia (Paediatric population) Prior to initiating treatment, faecal occult blood testing should be performed in all children. Subsequent testing should be conducted annually.

Children 12 years of age and older should undergo a colonoscopy / sigmoidoscopy

prior to treatment initiation, unless one has been done within the past year. Children under 12 years of age should also have the procedure if they have unexplained blood in their stool. A colonoscopy is recommended for all children after one year of treatment, and at least every 5 years thereafter of continuous treatment is advised.

Interactions: No clinical drug-drug interaction studies have been performed. An in vitro study indicates that teduglutide does not inhibit cytochrome P450 drug metabolising enzymes. Based upon the pharmacodynamic effect of teduglutide, there is a potential for increased absorption of concomitant medicinal products.

Fertility, Pregnancy and lactation: There are no data from the use of Revestive in pregnant women. As a precautionary measure, it is preferable to avoid the use of Revestive during pregnancy. It is unknown whether teduglutide is excreted in human milk. A risk to the breast-fed newborn infant cannot be excluded. As a precautionary measure it is preferable to avoid the use of Revestive during breast-feeding. There are no data on the effects of teduglutide on human fertility.

Effects on ability to drive and use machines Revestive has minor influence on the ability to drive and use machines. Such events might impact the ability to drive and use machines.

Undesirable effects: Adverse reactions were retrieved from 2 placebo-controlled clinical studies with Revestive in 109 patients with SBS treated with doses of 0.05 mg/kg/day and 0.10 mg/kg/day for up to 24 weeks. Approximately 52% of the patients treated with Revestive experienced adverse reactions (versus 36% of the patients given placebo). The most commonly reported adverse reactions were abdominal pain and distension (48%), respiratory tract infections (26%),

nausea (27%), injection site reactions (21%), headache (17%), vomiting (14%) and oedema peripheral (10%). Approximately 38% of the treated patients with a stoma experienced gastrointestinal stoma complications. The majority of these reactions were mild or moderate. No new safety signals have been identified in patients exposed to 0.05 mg/kg/day of Revestive for up to 30 months in a long-term open-label extension study. Very common (≥1/10) adverse drug reactions (ADRs):

respiratory tract infection, headache, abdominal pain and distension, vomiting, nausea, gastrointestinal stoma complication (swelling of the stoma and associated complications is considered to be rather a sign of efficacy than an adverse reaction), oedema peripheral, injection site reaction. Common ADRs (≥1/100 to <1/10): influenza, decreased appetite, anxiety, sleep disorder, paraesthesia, cardiac failure congestive, flushing, dyspnoea, cough, pancreatitis, intestinal obstruction,

cholelithiasis and cholecystitis, dermatite allergic, rash, arthralgia, renal colic, costovertebral angle tenderness, chest pain, night sweats, C-reactive protein increased. Uncommon ADRs (≥1/1000 to <1/100): syncope. **Overdose:** The maximum dose of teduglutide studied during clinical development was 86 mg/day for 8 days. No unexpected systemic adverse reactions were seen. **Pharmaceutical**

precautions: Store below 25°C. Do not freeze. After reconstitution, from a microbiological point of view, the solution should be used immediately. However chemical and physical stability has been demonstrated for 3 hours at 25°C. **Legal**

category: POM. **Container:** 5 mg teduglutide powder in vial (glass) with rubber stopper (bromobutyl), 0.5 ml of solvent in pre-filled syringe (glass) and plungers (plastic) for assembly with the pre-filled syringe. Pack size of 28 vials of powder,

28 pre-filled syringes and 6 plungers. **Special precautions for disposal and other**

handling: Determination of the number of vials needed for administration of one dose must be based on the individual patient's weight and the recommended dose of 0.05 mg/kg/day. The physician should at each visit weigh the patient, determine the daily dose to be administered until next visit and inform the patient accordingly. A table with the injection volume per body weight is provided in the SmPC.

Marketing Authorisation Number: EU/12/787/001 **Marketing Authorisation**

Holder: NPS Pharma Holdings Limited, 5 Riverwalk Citywest, Business Campus, Dublin 24 Ireland. **Date of Revision:** July 2016.

Adverse events should also be reported to +800 6774 4357



INTSP/C-APROM/TED/16/0023h September 2016
This meeting is organised and funded by Shire

September 2016



[illegible]

EXHIBITOR INFORMATION

Exhibition Hours

The Exhibition Hall will be open as indicated below:

Wednesday, October 5, 2016:	06:00 PM – 08:00 PM
Thursday, October 6, 2016:	09:00 AM – 02:30 PM
Friday, October 7, 2016:	09:00 AM – 02:30 PM
Saturday, October 8, 2016:	09:00 AM – 02:30 PM

Exhibitors (as of September 12, 2016).....	Booth Number
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Abbvie, Inc.	105
Alexion.....	705
APGNN	212
Applied Medical Technology, Inc. AMT	613
BIOCODEX	405
BioGaia.....	320
Callion Pharma	313
Children's Health	416
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PMPH USA Ltd.....	615
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QOL Medical, LLC.....	111
Retrophin	421
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Rome Foundation	616
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Shire	609
The Transplantation Society.....	722
University of Chicago Celiac Disease Center	720
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Wolters Kluwer	221



EXHIBITOR INFORMATION

ABBOTT NUTRITION

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AbbVie is a global, research-based biopharmaceutical company formed in 2013 following separation from Abbott Laboratories. Its mission is to use its expertise, dedicated people and unique approach to innovation to develop and market advanced therapies that address some of the world's most complex and serious diseases. For more information, visit www.abbvie.com

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www.alexion.com

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APPLIED MEDICAL TECHNOLOGY, INC. AMT BOOTH 613

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Applied Medical Technology, Inc. (AMT) is a global leader and manufacturer of enteral feeding devices and accessories. Our products include the MiniONE® line of low-profile Balloon, Non-Balloon, and Capsule Non-Balloon buttons, the AMT G-JET® low-profile gastric-jejunal enteral tube, and the AMT Bridle™ and Micro Bridle™ Nasal Tube Retaining Systems.

BOOTH 304

APGNN

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APGNN is the only nursing organization specific for Pediatric Gastroenterology. Enrich your practice through membership. Benefits include:

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BOOTH 212

BOOTH 105

BIOCODEX

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www.biocodex.com

Biocodex is an independent multinational pharmaceutical company with six decades of proven success operating in over 100 countries. The company's initial focus was gastroenterology, and specifically a unique probiotic discovery, *Saccharomyces boulardii* CNCM I-745.

BOOTH 405

BOOTH 705

BIOGAIA

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BioGaia is a Swedish health care company and a world leader in probiotics with 25 years' experience of developing, marketing and selling probiotic products with documented health benefits. The products are primarily based on different strains of the lactic acid bacterium *Lactobacillus reuteri*. Read more about BioGaia at biogaia.com

BOOTH 320

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BOOTH 313



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CROHN'S & COLITIS FOUNDATION OF AMERICA

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www.ccfa.org

The Crohn's & Colitis Foundation of America is a non-profit organization dedicated to finding the cure for Crohn's disease and ulcerative colitis through research. We also provide educational programs and materials for patients, medical professionals, and the general public. Educational materials are available at the CCFA booth or at www.ccfa.org.

BOOTH 715

CINCINNATI CHILDREN'S HOSPITAL MEDICAL

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Company Telephone: 513-803-6634
www.cincinnatichildrens.org/gastro

The Division of Gastroenterology, Hepatology and Nutrition at Cincinnati Children's Hospital was ranked No. 2 in the country in the 2016-17 U.S. News & World Report list of Best Children's Hospitals. Comprehensive services for pediatric gastrointestinal diseases are offered and Next Generation Sequencing Liver Panels from the molecular genetics lab.

BOOTH 605

CHILDREN'S HEALTH

1935 Medical District Drive
Dallas, TX 75235
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Email: karen.land@childrens.com
Company Telephone: 214-456-5141
www.childrens.com

For more than a century, Children's Medical Center Dallas has been at the forefront of making life better for children. Today it is the eighth largest pediatric hospital in the country, and is consistently ranked among the nation's best by U.S. News & World Report.

BOOTH 415

CROSPON

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BOOTH 713

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www.chw.org

The Gastroenterology, Hepatology and Nutrition Center at Children's Hospital of Wisconsin, in Milwaukee, is recognized internationally for diagnosing and treating a wide variety of digestive tract and liver disorders. Our Neurogastroenterology, Motility and Autonomic Disorders Program is one of only a few centers in the United States with this expertise.

BOOTH 717

EUROPEAN SOCIETY FOR PAEDIATRIC GASTROENTEROLOGY, HEPATOLOGY AND NUTRITION (ESPGHAN)

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www.espghan.org

ESPGHAN is a multi-professional organisation whose aim is to promote the health of children with special attention to the gastrointestinal tract, liver and nutritional status, through dissemination of science-based information, promotion of best practice in the delivery of care and provision of high quality education in Europe and beyond.

BOOTH 215

CHILDREN'S HOSPITAL COLORADO

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Company Telephone: 720-777-6628
www.childrenscolorado.org

The Digestive Health Institute at Children's Colorado is the primary site in the Rocky Mountain region for comprehensive care of gastrointestinal, liver, pancreatic and nutritional disorders, and liver transplantation. Our renowned experts and innovative multidisciplinary approach consistently earn U.S. News & World Report top honors in pediatric gastroenterology. Visit childrenscolorado.org/digestive

BOOTH 412

EXEGI PHARMA

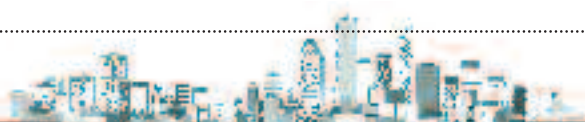
155 Gibbs St., Suite 506
Rockville, MD 20850
Onsite contact person: Vanita Patel
Email: vanita.patel@exegipharma.com
Company Telephone: 240-428-6891
www.visbiome.ca

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BOOTH 315



WCPHAN 2018



EXHIBITOR INFORMATION

FDA OFFICE OF NEW DRUGS

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Company Telephone: 623-242-5122
www.feedingmatters.org

Feeding Matters, is the leading resource for furthering advances in research, identification, and treatment of pediatric feeding disorders. We work with healthcare professionals and families for their combined experience and knowledge of the medical, social, and personal impact of the disorder. Learn more at www.feedingmatters.org

FPIES FOUNDATION

PO Box 304
Stewartville, MN 55976
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www.fpiesfoundation.org

The FPIES Foundation is dedicated to overcoming the challenges of FPIES by offering tools for education, support, and advocacy to empower families and the medical community. We are committed to providing credible and interactive resources and strive to make the everyday lives of children with FPIES and their families easier.

GFHGNP : GROUPE FRANCOPHONE D'HEPATOLOGIE GASTROENTEROLOGIE ET NUTRITION PEDIATRIQUE

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Groupe Francophone d'Hépatologie, Gastroenterologie et Nutrition Pédiatrique is a French language entity for all hepatology disease, gastroenterology disease and nutrition support for baby, children and young patients.

Our Medical association is the association for pediatrician speak in French and has a member in France, Belgium, Swiss, Canada, Algeria, Morocco, Tunisia, Lebanon, Senegal, Gabon, Ivory Coast, Cameroon, Burkina Faso, etc...

BOOTH 512

HALYARD HEALTH

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Company Telephone: 470-448-5134
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BOOTH 316

BOOTH 515

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www.culturelle.com

i-Health, Incorporated is a consumer health company, whose leading product is Culturelle. Culturelle (*Lactobacillus Rhamnosus* GG), is the #1 studied probiotic with over 800 clinical trials, 200 of which have been conducted in humans over the past 25 years. *Lactobacillus Rhamnosus* GG is only available in the brand Culturelle.

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BOOTH 514

INTERNATIONAL PRADER-WILLI SYNDROME ORGANISATION AND PRADER-WILLI SYNDROME ASSOCIATION USA

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www.pwsausa.org www.ipwso.org

IPWSO and PWSA USA are patient advocacy groups for families and persons with Prader-Willi Syndrome, the most common genetic form of obesity. Individuals with PWS may have impaired motility, and may experience life threatening gastric rupture and necrosis.

BOOTH 612

BOOTH 617

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BOOTH 505



EXHIBITOR INFORMATION

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BOOTH 511

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Company Telephone: 088-1163600
www.kabrita.com

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BOOTH 417

KATE FARMS, INC.

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BOOTH 521

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BOOTH 513



WCPHAN 2018



EXHIBITOR INFORMATION

NATIONWIDE CHILDREN'S HOSPITAL

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www.NationwideChildrens.org

Nationwide Children's Hospital is home to one of the world's leading pediatric gastroenterology clinical and research programs. Visit our booth or go to NationwideChildrens.org/GI to learn about our Motility Center and other important services that are making a difference for children in North America and around the world.

NESTLÉ

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BOOTH 213

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BOOTH 615

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PSC Partners Seeking a Cure provides education and support to PSC patients, families and caregivers, and raises funds to research causes, treatments and cures for Primary Sclerosing Cholangitis. PSC Partners has awarded \$1.8 million in research grants, has a growing patient registry, and holds annual conferences for patients and caregivers.

BOOTH 314

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QOL Medical, LLC is a patient-centric company focused on acquisition/commercialization of orphan therapies in underserved markets. QOL ensures expanded clinical awareness and patient access for improved quality of life in treatment of orphan diseases. QOL currently markets two FDA-approved products: Sucraid® (sacrosidase) Oral Solution and Ethamolin® (Ethanolamine Oleate) Injection 5%.

BOOTH 111

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Retrophin is a biopharmaceutical company dedicated to delivering life-changing therapies to people living with rare diseases who have few, if any, treatment options.

BOOTH 421



EXHIBITOR INFORMATION

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Retrophin is a biopharmaceutical company dedicated to delivering life-changing therapies to people living with rare diseases who have few, if any, treatment options.

ROME FOUNDATION

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www.theromefoundation.org

Rome Foundation is an independent not for profit 501(c) 3 organization that supports activities to create scientific data to assist in the diagnosis and treatment of Functional GI Disorders. The mission of the Rome Foundation is: To improve the lives of people with Functional GI Disorders.

SANDHILL SCIENTIFIC

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SHIRE

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THE TRANSPLANTATION SOCIETY

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Established in 1966, The Transplantation Society is celebrating its 50th anniversary. With over 6700 members, this Non-Governmental Organization (NGO) serves as an international forum for the world-wide advancement of organ transplantation. TTS provides the focus for global leadership in transplantation - science and clinical practice, scientific communication, education and guidance on the ethical practice. TTS is also pleased to have a distinguished team of sections affiliated with the society: Cell Transplant and Regenerative Medicine Society (CTRMS), International Pancreas and Islet Transplant Association (IPITA), Intestinal Rehabilitation & Transplant Association (IRTA), International Society for Organ Donation and Procurement (ISODP), International Xenotransplantation Association (IXA), Transplantation Infectious Disease (TID), International Society of Vascularized Composite Allograft Transplantation (ISVCA) and the International Pediatric Transplant Association (IPTA).

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