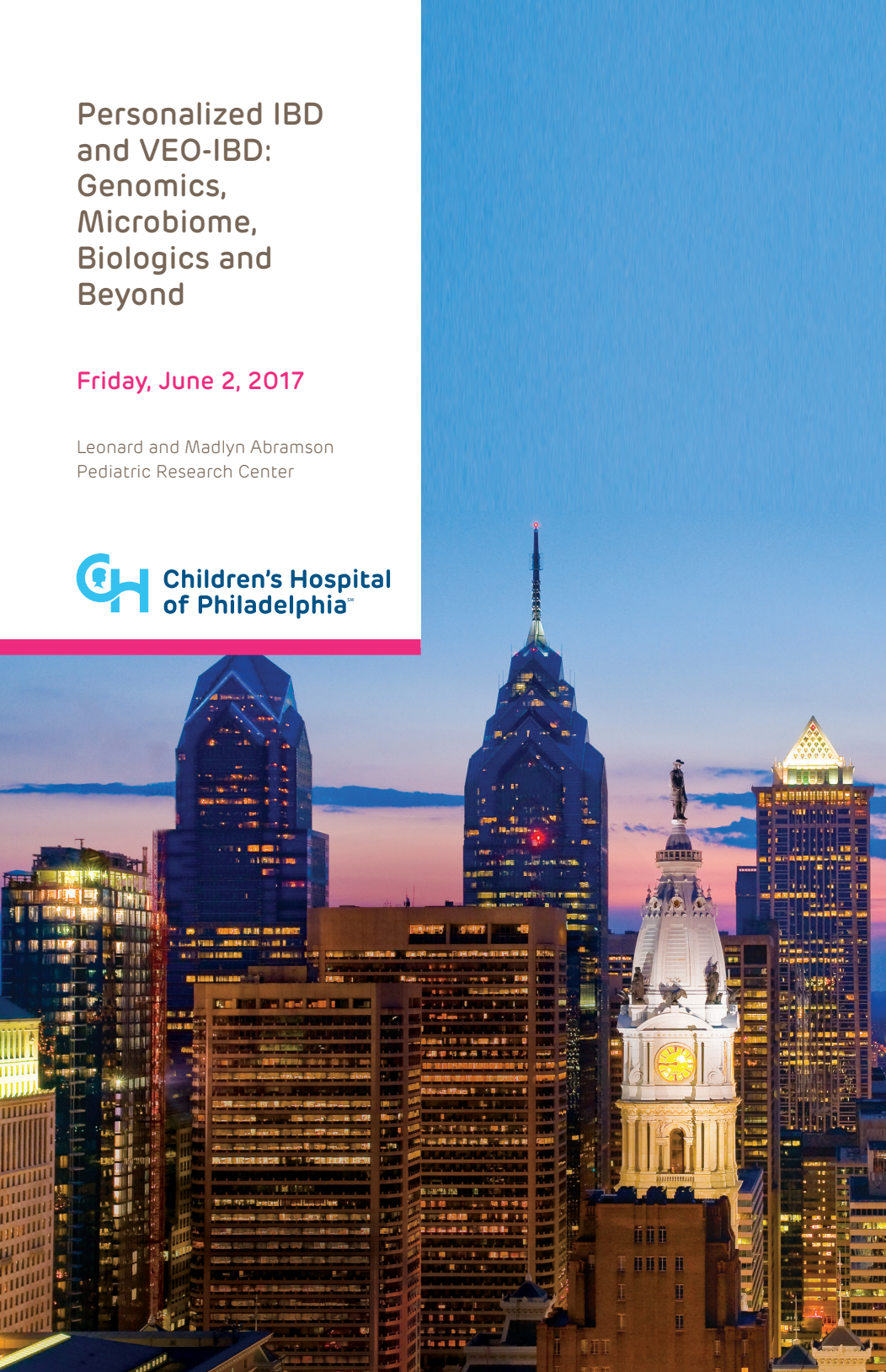


Personalized IBD and VEO-IBD: Genomics, Microbiome, Biologics and Beyond

Friday, June 2, 2017

Leonard and Madlyn Abramson
Pediatric Research Center



Course Overview

This one-day course is designed to present the latest developments in research and clinical care for very early-onset inflammatory bowel disease (VEO-IBD) and pediatric IBD. Participants will receive a comprehensive overview of the genomic, immunologic and microbiome discoveries in VEO-IBD and in pediatric IBD and of the advances in the diagnosis, management and therapy of the disease. This will include lectures by nationally and internationally recognized experts and interactive panel discussions.

This activity has been designed for pediatric gastroenterologists, pediatric gastrointestinal surgeons, GI fellows and residents, physician assistants, clinical nurse specialists, radiologists, pathologists, nutritionists, and other healthcare professionals.

Course Objectives

Upon completion of this activity, participants should be able to:

- Explain the genetics of VEO-IBD, new candidate genes and the relevance of these discoveries to disease development
- Discuss the role of the dysregulated immune system in VEO-IBD and how this can impact therapeutic strategies
- Review the latest techniques to study IBD using animal models and enteroids
- Manage difficult cases in patients with VEO-IBD and pediatric IBD
- Select appropriate therapy for patients with VEO-IBD and pediatric IBD, considering both the patient phenotype and the underlying genetics
- Describe the role of the microbiome in IBD and the interaction of the microbes and intestinal immune system
- Counsel patients about the role of diet in disease development and as therapy for IBD

General Information

The conference will be held in the Leonard and Madlyn Abramson Pediatric Research Center at Children's Hospital of Philadelphia. The registration fee for physicians is \$75 and the fee for nurses is \$50. Residents, fellows and medical students may attend for free, however, you'll still need to register. This fee includes breakfast, lunch and program material.

All attendees are invited to submit an abstract for poster or oral presentations.

 Register online at
chop.cloud-cme.com

PROGRAM — FRIDAY, JUNE 2, 2017

7:30 a.m.	Registration and Continental Breakfast	12:45 p.m.	Difficult Cases <i>Moderator: Petar Mamula, MD</i> <i>Andrew Grossman, MD</i> <i>Joel Rosh, MD</i>
8:15 a.m.	Welcome and Introduction <i>Bryan Wolf, MD, PhD</i> <i>David Piccoli, MD</i>	1:05 p.m.	What's New in Immunosuppressive Therapy/Therapeutic Targets <i>Robert Baldassano, MD</i>
8:30 a.m.	Genetics of IBD: Genetics of VEO-IBD and Older-onset IBD	1:25 p.m.	Monitoring Drug Levels and Therapeutic Targets <i>Marla Dubinsky, MD</i>
8:50 a.m.	New Candidate Genes in VEO-IBD and IBD <i>Judy Cho, MD</i>	1:45 p.m.	End Point of Therapy <i>Jeffrey Hyams, MD</i>
9:10 a.m.	Clinical Case: Unique Presentation and Underlying Etiology in Monogenic VEO <i>Scott Snapper, MD, PhD</i>	2:05 p.m.	Panel Discussion
9:30 a.m.	Immunodysregulation and IBD <i>Kathleen Sullivan, MD, PhD</i>	2:25 p.m.	Abstract
10 a.m.	Novel Molecular Defects Associated with VEO-IBD <i>Judith Kelsen, MD</i>	2:40 p.m.	Abstract
10:10 a.m.	Break	2:55 p.m.	Break
10:30 a.m.	Break	3:15 p.m.	Metabolomics and Microbiome <i>Gary Wu, MD</i>
10:50 a.m.	Break	3:35 p.m.	IBD and the Gut Microbiome <i>Frederic Bushman, PhD</i>
11:10 a.m.	Break	3:55 p.m.	Diet and IBD <i>Lindsey Albenberg, DO</i>
11:25 a.m.	Break	4:15 p.m.	Panel Discussion
11:40 a.m.	Break	4:30 p.m.	Adjourn

ACCME Accreditation Statement

The Children's Hospital of Philadelphia is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing education for physicians.

AMA Credit Designation Statement

The Children's Hospital of Philadelphia designates this live activity for a maximum of 6.0 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Services for People with Disabilities

If special arrangements are required for an individual with a disability to attend this meeting, please contact the Continuing Medical Education Department at 215-590-5263.

Cancellation and Refund Policy

Children's Hospital of Philadelphia reserves the right to cancel or postpone any course due to any unforeseen circumstances. In the event of cancellation or postponement, Children's Hospital of Philadelphia will refund any registration fees, less a \$40 service fee, but is not responsible for any related costs, charges or expenses to participants, including cancellation charges assessed by hotels, airlines or travel agencies. In order to process refunds for course withdrawals, cancellations must be received in writing by Monday, May 22, 2017. No refunds will be issued thereafter.



Unless otherwise noted, faculty are from Children's Hospital of Philadelphia and the Perelman School of Medicine at the University of Pennsylvania.

Course Directors

Robert Baldassano, MD

*Director, Center for Pediatric Inflammatory
Bowel Disease
Co-director, Penn/CHOP Microbiome Program
Professor of Pediatrics*

Andrew Grossman, MD

*Co-director, Center for Pediatric Inflammatory
Bowel Disease
Associate Professor of Clinical Pediatrics*

Judith Kelsen, MD

*Director, Very Early Onset IBD Program
Assistant Professor of Pediatrics*

Faculty

Lindsey Albenberg, DO

Assistant Professor of Pediatrics

Edward Behrens, MD

*Chief, Division of Rheumatology
Associate Professor of Pediatrics*

Petar Mamula, MD

*Director, Kohl's GI Nutrition and
Diagnostic Center (endoscopy suite)
Co-director, Center for Digestive, Liver and
Pancreatic Medicine
Professor of Pediatrics*

David Piccoli, MD

*Chief, Division of Gastroenterology,
Hepatology and Nutrition
Director, Fred and Suzanne Biesecker Pediatric
Liver Center
Professor of Pediatrics*

Kathleen Sullivan, MD, PhD

*Chief, Division of Allergy and Immunology
Professor of Pediatrics*

Bryan Wolf, MD, PhD

*Chief Scientific Officer
Chair, Department of Biomedical and Health
Informatics
Professor of Pathology and Laboratory Medicine*

Guest Faculty

David Artis, PhD

*Professor of Microbiology and Immunology
Joan and Sanford I. Weill Department of
Medicine
Weill Cornell Medical College*

Frederic D. Bushman, PhD

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Co-PI, Penn/CHOP Microbiome Program
Hospital of the University of Pennsylvania
Professor of Microbiology and Pediatrics*

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Co-director, Inflammatory Bowel Disease Center
Mount Sinai Medical Center
Professor of Pediatrics
Icahn School of Medicine*

Judy Cho, MD

*Director, Institute for Personalized Medicine
Mount Sinai Hospital
Professor of Genetics and Genomic Sciences
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Icahn School of Medicine*

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Professor of Pediatrics
University of Connecticut School of Medicine*

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Scott Snapper, MD, PhD

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Boston Children's Hospital
Associate Professor of Medicine
Harvard Medical School*

Gary Wu, MD

*Director, Molecular Biology Core Facility,
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Associate Chief for Research, GI Division
Co-director, Penn-CHOP Center for
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Co-director, Penn/CHOP Microbiome Program
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