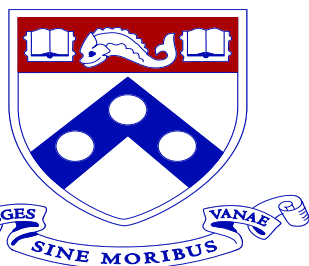


The NIH Center for Molecular Studies in Digestive and Liver Diseases  
The Penn/CHOP Center for Digestive, Liver & Pancreatic Medicine  
Division of Gastroenterology

13th Annual Symposium

***“IBD, Functional Genomics and the Intestinal  
Mucosal Interface”***

Co-Sponsored by:



Wednesday, June 13<sup>th</sup>, 2012

National Constitution Center  
Independence Mall, 525 Arch Street  
Philadelphia, Pennsylvania 19106

8:00 **Registration and Continental Breakfast**

8:30 **Welcome and Introduction**

**Gary D. Wu, MD**

Professor of Medicine, Division of Gastroenterology  
Associate Director, Center for Molecular Studies in Digestive and Liver Diseases  
University of Pennsylvania Perelman School of Medicine

**Kyong-Mi Chang, MD**

Associate Professor of Medicine, Division of Gastroenterology  
University of Pennsylvania Perelman School of Medicine

**Session I - Advances in Genomics and IBD**

8:45 – 9:15

**Judy Cho, MD**

Associate Professor of Medicine (Digestive Diseases) and of Genetics; Director, Inflammatory Bowel Disease Center,  
Yale University

*“The current status and future prospects of genomics in IBD”*

9:15 – 9:45

**Hakon Hakonarson, MD, PhD**

Associate Professor of Pediatrics, Children’s Hospital of Philadelphia

*“The genomics of pediatric IBD: how kids differ from adults?”*

9:45 – 10:15

**Frederic Bushman, PhD**

Professor of Microbiology, University of Pennsylvania

*“Application of genomic technologies to the study of gut microbes and viruses”*

10:15 – 10:30

**Break**

**Session II – Functional Targets Involved in IBD Pathogenesis**

10:30 – 11:00

**Ramnik Xavier, MD**

Associate Professor of Medicine at Harvard Medical School and the Chief of Gastroenterology at the Massachusetts  
General Hospital

*“Putting it all together: extending functional genomics to identify novel approaches to treat patients with IBD”*

11:00 – 11:30

**Jerrold Turner, PhD**

Professor and Associate Chair, Department of Pathology/MPMM, University of Chicago

*“Genomic, intestinal epithelial barrier dysfunction, and the pathogenesis of IBD”*

11:30 – 12:00

**Nita Salzman, MD, PhD**

Assistant Professor, Medical College of Wisconsin

*“Paneth cells: host defense and the gut microbiome”*

12:00 – 1:30

**Lunch and Poster Session**

**Session II continued**

1:30-2:00

**Gabriel Nunez, MD**

Paul de Kruif Endowed Professor, University of Michigan Medical School

*“Innate immunity, PRRs, NOD2, and IBD”*

2:00 – 2:30

**Gregory Sonnenberg, PhD Post-doctoral Researcher, University of Pennsylvania**

*“IL22 as the guardian at the intestinal mucosal interface”*

2:30

**Closing Remarks**

Register online at: [http://www.med.upenn.edu/molecular/symposium\\_register.shtml](http://www.med.upenn.edu/molecular/symposium_register.shtml)

Information about the Center for Molecular Studies in Digestive and Liver Diseases and the Division of  
Gastroenterology can be found at:

<http://www.med.upenn.edu/molecular/> and <http://www.med.upenn.edu/gastro/>