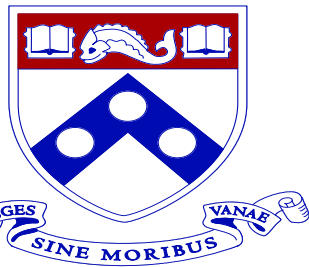


The NIH Center for Molecular Studies in Digestive and Liver Diseases
The Penn/CHOP Center for Digestive, Liver & Pancreatic Medicine
Division of Gastroenterology

13th Annual Symposium

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

**Co-Sponsored by the Institute for Immunology,
Institute for Translational Medicine and Therapeutics
and Department of Microbiology**



Wednesday, June 13th, 2012

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

- 8:00 **Registration and Continental Breakfast**
- 8:25 **Welcome and Introduction: Anil K. Rustgi, MD**
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
- 8:30 – 9:00 **Session I - Advances in Genomics and IBD**
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”
- 9:00 – 9:30 **Hakon Hakonarson, MD, PhD**
Associate Professor of Pediatrics, Children’s Hospital of Philadelphia
“The genomics of pediatric IBD: How kids differ from adults”
- 9:30 – 10:00 **Frederic Bushman, PhD**
Professor of Microbiology, University of Pennsylvania
“Application of genomic technologies to the study of gut microbes and viruses”
- 10:00 – 10:30 **Break**
- 10:30 – 11:00 **Session II – Functional Targets Involved in IBD Pathogenesis**
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 followed by continuation of Session II**
- 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 **Ivaylo Ivanov, Ph.D.**
Assistant Professor of Microbiology & Immunology, Columbia University
“IL-23/IL-17/Treg axis and commensal bacteria in the gut”
- 2:30-3:00 **Gregory Sonnenberg, PhD Post-doctoral Researcher, University of Pennsylvania**
“IL22 as the guardian at the intestinal mucosal interface”
- 3:00 **Closing Remarks**

Register online at: 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/>