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  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

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 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  Ilyayo 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/