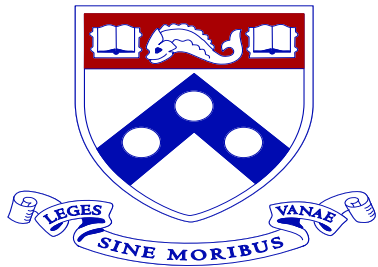


The NIH Center for Molecular Studies in Digestive and Liver Diseases
The Penn/CHOP Center for Digestive, Liver & Pancreatic Medicine
Division of Gastroenterology



14th Annual Symposium
***“The intestinal stem cell:
from the niche to the bedside”***

Co-Sponsored by the:
**Institute for Regenerative Medicine,
Tumor Biology Program and Abramson Cancer Center**

Wednesday, June 26th, 2013

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

- 8:00 **Registration and Continental Breakfast**
- 8:30 **Welcome and Introduction**
Anil K. Rustgi, MD
T. Grier Miller Professor of Medicine
Chief, Division of Gastroenterology
Director, Center for Molecular Studies in Digestive and Liver Diseases
University of Pennsylvania Perelman School of Medicine
John P. Lynch, MD, PhD; F. Bradley Johnson, MD, PhD; Christopher Lengner, PhD
University of Pennsylvania Perelman School of Medicine and School of Veterinary Medicine
- 8:45 – 9:15 **Benjamin Ohlstein, MD, PhD**
Assistant Professor of Genetics and Development, Columbia University Medical Center
“BMP signaling in the adult intestine: keeping things under control”
- 9:15 – 9:45 **F. Bradley Johnson, MD, PhD**
Associate Professor of Pathology and Laboratory Medicine, University of Pennsylvania
“Telomere capping and Wnt signaling support one another in the intestinal stem cell niche”
- 9:45 – 10:15 **Mary Y. Armanios, MD**
Associate Professor of Oncology, Johns Hopkins University School of Medicine
“Telomeres, telomerase and stem cell failure syndromes”
- 10:15 – 10:30 **Break**
- 10:30 – 11:00 **Klaus H. Kaestner, PhD**
Thomas and Evelyn Suor Butterworth Professor in Genetics, University of Pennsylvania
“The intestinal stem cell niche – it is not the Paneth cell after all”
- 11:00 – 11:30 **Christopher J. Lengner, PhD**
Assistant Professor of Animal Biology, School of Veterinary Medicine, University of Pennsylvania
“Msi RNA binding proteins govern intestinal stem cell activation and transformation”
- 11:30 – 12:00 **Kevin M. Haigis, PhD**
Assistant Professor of Pathology, Harvard University Medical School
“Systems analysis of signaling in GI inflammation”
- 12:00 – 1:30 **Lunch and Poster Session**
- 1:30 – 2:00 **Jian Yu, PhD**
Associate Professor of Pathology, University of Pittsburgh School of Medicine
“Exploring death mechanisms in normal and neoplastic intestinal stem cells”
- 2:00 – 2:30 **Martin G. Martin, MD, MPP**
Professor of Pediatric Gastroenterology and Nutrition, David Geffen School of Medicine at UCLA
“Intestinal failure: uncovering its genetic basis using pluripotent/somatic stem cells and total genome sequencing”
- 2:30 **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/>