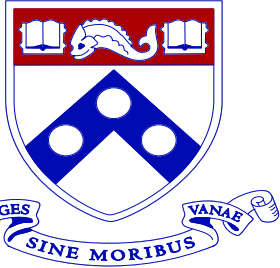


The NIH Center for Molecular Studies in Digestive and Liver Diseases
The Penn/CHOP Center for Digestive, Liver & Pancreatic Medicine,
NCI Program Project, Division of Gastroenterology



17th Annual Symposium

"3D organoids in the GI tract, liver and pancreas"

Co-Sponsored by:

**The Tumor Biology Program of the Abramson Cancer Center
Institute for Translational Medicine and Therapeutics
Institute for Regenerative Medicine
The Children's Hospital of Philadelphia
P01-CA098101 Mechanisms of Esophageal Carcinogenesis
PennCHOP Microbiome Program**

Thursday, September 22, 2016

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

8:00 am – 8:30 am **Registration and Continental Breakfast**

8:30 am – 8:45 am **Anil K. Rustgi, MD**

T. Grier Miller Professor of Medicine and Genetics
Chief, Division of Gastroenterology
Director, Center for Molecular Studies in Digestive and Liver Diseases
University of Pennsylvania Perelman School of Medicine

8:45 am - 9:30 am **Calvin Kuo, MD, PhD**

Maureen Lyles D'Ambrogio Professor of Medicine
Vice Chair, Department of Medicine
Stanford University

"Organoid models and cancer functional genomics"

9:30 am - 9:50 am **F. Brad Johnson, MD, PhD**

Associate Professor of Pathology and Laboratory Medicine
University of Pennsylvania Perelman School of Medicine

"Telomere biology in the intestinal stem cell niche"

9:50 am - 10:10 am **Chris Lengner, PhD**

Assistant Professor, Department of Biomedical Sciences, School of Veterinary Medicine
University of Pennsylvania Perelman School of Medicine

"Modeling dyskeratosis congenital in human intestinal organotypic cultures"

10:15 am - 10:45 am **Break**

10:45 am - 11:30 am **Meritxell Huch, PhD**

Group Leader, Stem Cells and Tissue Regeneration Laboratory
Sir Henry Dale Wellcome Trust Fellow
The Gurdon Institute, University of Cambridge

"Adult stem cell derived hepatic organoids to model human liver disease"

11:30 am - 12:15 pm **Qiao Zhou, PhD**

Associate Professor, Department of Stem Cell and Regenerative Biology
Harvard University

"Reprogram gastric tissues to functional insulin-secreting cells"

12:15 pm - 2:00 pm **Lunch and Poster Session**

2:00 pm - 2:45 pm **Eugene B. Chang, MD**

Martin Boyer Professor of Medicine
Associate Section Chief for Research
The University of Chicago

"Can organoid technologies advance the study of human and experimental IBD?"

2:45 pm - 3:05 pm **Jungsun Kim, PhD**

Research Associate
University of Pennsylvania Perelman School of Medicine

"Cell reprogramming to understand and predict human pancreatic cancer"

3:05 pm - 3:25 pm **Michal Shoshkes-Carmel, MSc, PhD**

Postdoctoral Fellow
University of Pennsylvania Perelman School of Medicine

"Growing intestinal organoids without R-spondin – the function of sub-epithelial Foxl1 expressing telocytes"

3:30 pm **Adjourn**

3:30 pm - 5:00 pm **Technical Workshop on 3D Organoids**

Kathryn Hamilton, PhD, Kelly Whelan, PhD, Veronique Giroux, PhD, Sarah Andres, PhD, and Basil Bakir