Richard M. Peek, Jr., M.D.
Mina Cobb Wallace Professor of Medicine and Pathology, Microbiology, & Immunology
Director, Vanderbilt Digestive Diseases Research Center

8:00 – 8:25 am

Dysplastic stem cell plasticity in gastric carcinogenesis
Eunyoung Choi, Ph.D.
Assistant Professor of Surgery

8:25 – 8:50 am

LRIG1 Acts as a Tumor Suppressor in Mouse Intestinal Neoplasia via EGFR and via ERBB1-3 in BRAFV600E Colorectal Cancer
Hiroaki Niitsu, M.D., Ph.D.
Research Fellow, Division of Gastroenterology, Hepatology, and Nutrition

8:50 – 9:15 am

Recapitulating the epithelial diversity of the crypt-villus axis
Ryan Conder, Ph.D., Associate Director, Gastrointestinal Technologies
Martin Stahl, Ph.D., Scientist, Research and Development
Stem Cell Technologies

9:15 – 9:40 am

Impact of Myosin Vb loss on hyperproliferation and cell lineage change in the intestinal epithelia
Izuki Kaji, Ph.D.
Assistant Professor of Surgery

9:40 – 10:05 am

Metaplasia-induced epithelial heterogeneity directs pancreatic tissue injury and recovery
Kathleen DelGiorno, Ph.D.
Assistant Professor of Cell and Developmental Biology

10:05 – 10:20 am

Break

10:20 am – 12:15 pm

Poster Session/Lunch

12:15 – 12:40 pm

Cellular plasticity in human and mouse colon pre-cancer genesis
Ken Lau, Ph.D.
Associate Professor of Cell and Developmental Biology

12:40 – 1:05 pm

Age mosaicism revealed by multi-scale microscopy
Rafael Arrojo e Drigo, Ph.D.
Research Assistant Professor of Molecular Physiology and Biophysics

1:05 – 1:30 pm

Combinatorial transcriptional profiling of mouse and human enteric neurons identifies shared and disparate neuronal subtypes in situ
Michelle Southard-Smith, Ph.D.
Professor of Medicine, Division of Genetic Medicine

1:30 pm – 1:45 pm

Break

1:45 – 2:45 pm

Keynote Speaker
Neuronal diversity in the enteric nervous system – from development to functional circuits
Ulrika Marklund, Ph.D.
Assistant Professor of Medicine
Department of Medical Biochemistry and Biophysics
Karolinska Institutet
Ulrika Marklund, Ph.D.
Department of Medical Biochemistry and Biophysics
Karolinska Institutet, Stockholm, Sweden

Presents:

Neuronal diversity in the enteric nervous system – from development to functional circuits