



Columbia University- Digestive & Liver Diseases Research Center

Annual Retreat

September 21st 2020

Virtual Meeting, via Zoom

The Executive Committee of the Columbia University Digestive & Liver Diseases Research Center:

Robert Schwabe, MD, Director

Kara Gross-Margolis, MD, Co-Director

Timothy C. Wang, MD, Co-Director

Anil Rustgi, MD, IAB Leader



Robert Schwabe, MD
Director
Professor,
Department of Medicine



Kara Gross-Margolis, MD
Co-Director
Associate Professor,
Pediatric Gastroenterology



Timothy C. Wang, MD
Co-Director
Silberberg Professor,
Chief, Division of Digestive
& Liver Diseases



Anil Rustgi, MD
IAB Leader
Interim Dean, Vice-President
Irving Professor,
Director, HICCC



COLUMBIA UNIVERSITY
DEPARTMENT OF MEDICINE

DIVISION OF DIGESTIVE
AND LIVER DISEASES

Columbia University, DLD-RC, Annual Retreat, September 21st, 2020

10:00-10:15 AM Welcome & overview of the CU-DLDR Robert Schwabe, MD/Timothy Wang, MD/Kara Margolis, MD

Session I Microbial and Immune Interactions in Inflammation and Pre-neoplasia

Chair: Sankar Ghosh, PhD

10:15 AM-10:50 AM *Keynote speaker Dan Littman, MD, PhD, New York University, NY* "Immune system regulation by the intestinal microbiota"

10:50 AM-11:10 AM Sankar Ghosh, PhD "Deciphering the Inc Between Risk SNPs and Inflammation: LncRNAs in Celiac and Crohn's Disease"

11:10 AM-11:30 AM Julian Abrams, MD MS "Bacteria, Barrett's Esophagus & Esophageal Adenocarcinoma"

11:30 AM-11:50 AM Ivaylo I. Ivanov, PhD "Intestinal regulation of metabolic syndrome"

Session II Epithelial Homeostasis, Metabolism and Regeneration

Chair: Jianwen Que, MD, PhD

11:50AM-12:25 PM *Keynote speaker Markus Grompe, MD, Oregon Health & Science University, Portland, OR* "The role of polyploid hepatocytes in liver injury and cancer"

Lunch Break 12:25-12:50pm

12:50-1:10 PM Kelley Yan, MD, PhD "Intestinal stem cells in health and disease"

1:10-1:30 PM Rebecca Haeusler, PhD "Bile acid regulation of intestinal lipid sensing"

1:30-1:50 PM Kenneth Olive, PhD "Cysteine import is a critical dependency in pancreatic cancer"

Break 1:50-2:00pm

Session III CU-DLDR Awardee Presentations

Chair: Kara Margolis, MD

2:00-2:15 PM Nicholas Arpaia, PhD "Interrogating the relationship between microbial metabolism and mucosal immunity"

2:15-2:30 PM Daniel Freedberg, MD "Preventing Multidrug-Resistant Organism Enteric Colonization in the Intensive Care Unit"

2:30-2:45 PM Nandan Nerurkar, PhD "Molecular and cellular basis of intestinal looping morphogenesis"

EAB and IAB meeting

External Advisory Board

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2:50-3:00 PM Introduction of the CU-DLDR.

3:00-3:10 PM Introduction to Core I (Bioimaging: *Kenneth Olive, PhD, Liza Pon, PhD*)

3:10-3:20 PM Introduction to Core II (Translational & Biorepository Core: *Julian Abrams, MD, Elizabeth Verna, MD*)

3:20-3:30 PM Introduction to Core III (Organoid & Tissue Engineering Core: *Hiroshi Nakagawa, MD, Kelley Yan, MD, PhD*)

3:30-4:00 PM Discussion and wrap-up.

www.columbiadlrc.org

Contacts: Robert Schwabe rfs2102@cumc.columbia.edu; Jenny Lee jl4516@cumc.columbia.edu