

# "Metabolic communication in digestive diseases"

## AGENDA



14<sup>TH</sup>  
ANNUAL  
Frontiers in Digestive  
Diseases Symposium

7:30 AM - 8:10 AM

**BREAKFAST**

8:10 AM - 8:25 AM

**WELCOME REMARKS**

Hashem B. El-Serag, M.D., M.P.H., DDC Co-Director  
Jason C. Mills, M.D., Ph.D., DDC Co-Director

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**SESSION I** (*Gut and microbial metabolites that influence metabolism*)

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8:25 AM - 9:05 AM

**"Gut microbial drivers of host metabolism: Implications for Health and Disease"**

Eugene B. Chang, M.D.  
Martin Boyer Professor of Medicine  
University of Chicago, USA, Chicago, IL

9:05 AM - 9:25 AM

**"Intestinal fructose metabolism and metabolic disease"**

Mark A. Herman, M.D.  
Section Chief, Endocrinology, Diabetes, and Metabolism  
Baylor College of Medicine, USA, Houston, TX

9:25 AM - 9:45 AM

**"Lipid dysregulation of immune responses to intestinal injury"**

Andrea McAlester, Ph.D.  
Instructor, Pathology and Immunology, 2021 DDC Pilot Feasibility Awardee  
Baylor College of Medicine, USA, Houston, TX

9:45 AM - 10:25 AM

**"Regulation of the host-microbiota relationship"**

Theresa Alenghat, VMD, Ph.D.  
Associate Professor, Pediatrics  
Cincinnati Children's, USA, Cincinnati, OH

10:25 AM - 10:50 AM

**COFFEE BREAK**

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**SESSION II** (*Liver pathophysiology and metabolic disorders*)

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10:50 AM - 11:30 AM

**"Gut microbiome based personalized medicine in NAFLD"**

Rohit Loomba, M.D., MHSc  
Vice Chair, Gastroenterology, Director, Hepatology, & Professor of Medicine  
University of California San Diego, USA, San Diego, CA

11:30 AM - 11:50 PM

**"Circadian nuclear contenders in NASH and hepatocellular carcinoma"**

Kristin Eckel-Mahan, Ph.D.  
Associate Professor, Center for Metabolic and Degenerative Diseases  
The University of Texas Health Science Center, USA, Houston, TX

11:50 PM - 12:30 PM

**"Bariatric surgery as an integrative physiology approach to obesity treatment"**

Darleen Sandoval, Ph.D.  
Professor of Pediatrics and Medicine  
University of Colorado, Anschutz Medical Campus, USA, Aurora, CO

12:30 PM - 1:30 PM

**LUNCH / BREAKOUT SESSIONS**

1:30 PM - 2:45 PM

**POSTER SESSION**

2:45 PM - 3:00 PM

**POSTER AWARDS / CLOSING REMARKS**

Doug Burrin, Ph.D.  
Pilot Feasibility Program Director