

The Columbia University Digestive & Liver Diseases Research Center

2024 Annual Retreat and Poster Session

May 7th, 2024

Columbia University
School of Nursing, Seventh Floor
560 W. 168th Street,
New York, NY 10032



CU-DLDR
DIVISION OF DIGESTIVE
AND LIVER DISEASES

Our Keynote Speaker



Bana Jabri, MD, PhD is the Sarah and Harold Lincoln Thompson Distinguished Service Professor of Medicine at the University of Chicago. She is the Research Director of the Celiac Disease Center at the University. Her research focuses on innate and mucosal immunity, particularly in autoimmune disorders, celiac disease, and inflammatory bowel disease (IBD). She also works on the mechanisms of celiac disease, new

treatment options as well as the effect of the microbiome on immune responses.

Dr. Jabri was the first researcher in the United States to win the William K. Warren Jr. Prize for Excellence in Celiac Disease Research in 2009. Among her long list of awards and honors is the Lloyd Mayer Prize in Mucosal Immunology that she received in 2017. She is an elected member of the Association of American Physicians and publishes high impact science in journals such as Nature, Science, Nature Medicine, Gastroenterology, the New England Journal of Medicine, and Cell. She is passionate about teaching and is a recipient of the Llewellyn John & Harriet Manchester Quantrell Award for Excellence in Undergraduate Education.

ANNUAL CU-DLDRG 2024 RETREAT

(7th floor, School of Nursing Building, 560 W. 168th St, NY 10032)

1:00-1:10PM: Welcome (Robert Schwabe MD, Timothy Wang MD, Rebecca Haeusler PhD)

KEYNOTE ADDRESS

1:10-2:00PM ***Bana Jabri, MD, PhD***, Sarah and Harold Lincoln Thompson Distinguished Service Professor of Medicine at the University of Chicago
"Epithelial cells and host-microbial interactions in health and disease"

SESSION 1: *Epithelial Homeostasis, Metabolism, and Regeneration*

Chair: Timothy Wang, MD

2:20-2:40PM **Megan Sykes, MD** *"Bidirectional alloreactive T cell interactions drive transplant outcomes"*

2:40-3:00PM **Ivaylo Ivanov, PhD** *"Regulation of obesity and metabolic disease by intestinal immunity"*

3:00-3:15PM **Chia-Wei Cheng, PhD (P&F awardee)** *"Nutritional and metabolic determinants of intestinal stem cells in pediatric development and IBD"*

3:15-3:40PM **BREAK**

SESSION 2: *Epithelial Interactions in Inflammation and Preneoplasia*

Chairs: Yiping Han, PhD and Ivaylo Ivanov, PhD

3:40-4:00PM **Viraj Sanghvi, PhD** *"Deglycation requirement in liver dysfunction, steatosis and carcinogenesis"*

4:00-4:15PM **Ricardo Cruz Acuna, PhD (P&F awardee)** *"The Role of Matrix Stiffness in Esophageal Cancer Development: Mechanisms to Translational Therapeutics"*

4:15-4:30PM **Fatemeh Momen-Heravi, PhD (P&F awardee)** *"An exosome-based delivery platform for liver delivery and treatment of liver fibrosis"*

POSTER SESSION AND RECEPTION

4:30-6:00PM Posters by CU-DLDRG labs followed by Networking & Refreshments