

**Vanderbilt Digestive Diseases Research Center (VDDRC)
Seminar Series 2022-2026 (Current Funding Cycle)**

***Co-sponsored Speaker (Co-sponsoring Program)**

****VDDRC Pilot Recipient at Vanderbilt University Medical Center (VUMC)**

DATE	SPEAKER	INSTITUTION	TOPIC
July 12, 2022	Konrad Aden, MD	Kiel University	<i>The metabolic site of host-microbial interactions in IBD - new pathways towards precision medicine?</i>
August 9, 2022	**Mariana Byndloss, DVM, PhD	VUMC	<i>Metabolic consequences of intestinal dysbiosis</i>
September 13, 2022	*Shonna McBride, PhD (VI4)	Emory University	<i>Identification of a molecular switch that controls sporulation, toxin production, and motility in Firmicutes</i>
October 11, 2022	**Youngmin Lee, MD, PhD	VUMC	<i>Molecular pathways driving hepatic premalignant lesions</i>
November 8, 2022	Michael Howitt, PhD	Stanford University	<i>The impact of Protists in the gut microbiota on Tuft cells and the intestinal mucosa</i>
December 13, 2022	*Jason Mills, MD, PhD (EBC)	Baylor College of Medicine	<i>Paligenosis, a conserved stem cell recruitment program in repair and metaplasia</i>
January 10, 2023	Ezra Burstein, MD, PhD	UT Southwestern	<i>CCC and Retriever: Molecular machines for receptor recycling in the endosomal compartment</i>
February 14, 2023	Jakob von Moltke, PhD	University of Washington	<i>Small intestinal Tuft cells: Sentinels and effectors of type 2 immunity</i>
March 14, 2023	Rosa Uribe, PhD	Rice University	<i>Understanding neural crest cell differentiation using zebrafish</i>
April 11, 2023	**Izumi Kaji, PhD	VUMC	<i>Pathologic consequences of loss of MYO5B in the intestine</i>
May 23, 2023	*Yatrik Shah, PhD (EBC)	University of Michigan	<i>Iron and oxygen coordination in gastrointestinal disease</i>
June 28, 2023	John Hickey, PhD	Duke University	<i>Tissue architecture orchestrated by immune cells</i>
July 11, 2023	**Eunyoung Choi, PhD	VUMC	<i>Metabolic alterations in gastric metaplasia</i>
August 8, 2023	Zobeida Cruz-Monesrrate, PhD	Ohio State University	<i>Mechanisms of obesity-associated pancreatic ductal injury</i>
September 12, 2023	*Thad Stappenbeck, MD, PhD (EBC)	Cleveland Clinic	<i>How can we evaluate and promote intestinal health to prevent chronic disease?</i>
October 17, 2023	**Kathleen DelGiorno, PhD	VUMC	<i>Metaplasia-induced epithelial heterogeneity inhibits disease progression in the exocrine pancreas</i>
November 14, 2023	Valerie Abadie, PhD	University of Chicago	<i>Deciphering the immunopathogenesis of Celiac Disease</i>

December 12, 2023	Simon Hogan	University of Michigan	<i>Eosinophilic esophagitis: Mechanisms and endotypes</i>
January 9, 2024	*Julia Drewes, PhD (VI4)	Johns Hopkins University	<i>Complex microbial communities and driver pathogens in colorectal carcinogenesis</i>
February 13, 2024	**Nick Zachos, PhD	VUMC	<i>Leveraging organoids to reveal host-microbial pathogenesis</i>
March 12, 2024	*Kelley Yan, MD, PhD (EBC)	Columbia University	<i>A revisionist view of tissue regeneration in the gut epithelium</i>
April 9, 2024	Joel Gabre, MD	Columbia University	<i>Modeling esophageal development and disease using 3D organoids</i>
May 14, 2024	Greg Sonnenberg, PhD	Cornell University	<i>Innate immune determinants of intestinal physiology, tolerance, and inflammation</i>
June 11, 2024	John Kao, MD	University of Michigan	<i>Hydrogen peroxide: A critical host defense mechanism in the gut</i>
July 23, 2024	*Omer Yilmaz, MD, PhD (EBC)	MIT	<i>Dietary control of intestinal stem cells in physiology and disease</i>
August 13, 2024	**Nick Markham, MD, PhD	VUMC	<i>Organoid modeling of colonic epithelium and chronic exposure to C. difficile</i>
September 17, 2024	*June Round, PhD (VI4)	University of Utah	<i>Microbiota-immune interactions that promote health</i>
October 8, 2024	Karen Edelblum, PhD	Icahn Mount Sinai School of Medicine	<i>$\gamma\delta$ intraepithelial lymphocyte regulation of the intestinal barrier</i>
November 19, 2024	Declan McCole, PhD	University of California, Riverside	<i>Coordination of intestinal barrier defenses by the inflammatory bowel disease risk gene, PTPN2</i>
December 3, 2024	**Wenhan Zhu, PhD	VUMC	<i>Commensal resilience in the inflamed gut</i>
January 14, 2025	Aatur D. Singhi, MD, PhD	University of Pittsburgh	<i>Integrating molecular testing into the preoperative evaluation of pancreatobiliary lesions: A prospective, multi-institutional experience</i>
February 11, 2025	Megan Radyk, PhD	University of Michigan	<i>Metabolic regulation of pancreatic metaplasia</i>
March 11, 2025	**Yash Choksi, MD	VUMC	<i>Glutathione peroxidase 3 regulates epithelial and subepithelial phenotypes in eosinophilic esophagitis</i>
April 8, 2025	*Richard DiPaolo, PhD (EBC)	St. Louis University	<i>Immune crossfire: How cells and cytokines drive gastritis and metaplasia</i>
May 13, 2025	Michael Kattah, MD, PhD	UCSF	<i>Dissecting epithelial, stromal, and myeloid networks in colitis using multi-omics and organoid culture</i>
June 10, 2025	Paul Monga, MD	University of Pittsburgh	<i>Beta-catenin and hepatocellular disease</i>
July 8, 2025	Adam Gracz, PhD	Emory University	<i>Building an advanced toolbox to study biliary physiology and regeneration</i>
August 12, 2025	Ryan O'Connell,	University of Utah	<i>RNA regulation of immunity in the</i>

	PhD		<i>gastrointestinal tract</i>
September 9, 2025	*Carolina Tropini, PhD (VI4)	University of British Columbia	<i>The role of the gut environment in shaping the intestinal microbiota and disease outcomes</i>
October 14, 2025	Laurianne Van Landeghem, PhD	North Carolina State University	<i>Enteric glia dictate intestinal epithelial cell responses to genotoxic insults</i>
November 11, 2025	**Jeremy Goettel, PhD	VUMC	<i>The IL-23 paradox in IBD pathogenesis</i>
December 9, 2025	Joe Mancias, MD, PhD	Dana-Farber Cancer Center	<i>Targeting autophagy in pancreatic cancer</i>
January 13, 2026	Simon Hirota, PhD	University of Calgary	<i>Understanding the impact of the microbiota on intestinal drug metabolism - what you weren't taught in Pharmacology class</i>
February 10, 2026	Matthew Ciorba, MD	Washington University	<i>Intestinal SARS-CoV2: Pathogenesis and prevention</i>
March 10, 2026	Faranak Fattahi, PhD	University of California, San Francisco	<i>Deriving enteric glia from hPSCs reveals iron imbalance as a driver of metabolic stress in the ENS</i>
May 12, 2026	*Stephen Duncan, PhD (EBC)	Medical University of South Carolina	<i>A human iPSC-derived hepatocyte screen identifies compounds that inhibit production of Apolipoprotein B</i>
June 9, 2026	Sarah Blutt, PhD	Baylor College of Medicine	<i>Gut check: Epithelial responses to common enteric infections</i>
July 14, 2026	**Mona Mashayekhi, MD, PhD	VUMC	<i>Immunologic effects of GLP-1 receptor activation in obesity</i>
August 11, 2026	*Ophir Klein, MD, PhD	Cedars-Sinai Medical Center	<i>Design principles of development and renewal along the gut axis</i>