

**Center for Mucosal Inflammation and Cancer (CMIC)
Seminar Series 2022-2026 (Current Funding Cycle)**

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

DATE	SPEAKER	TOPIC
July 19, 2022	**James Cassat, MD, PhD	<i>Osteo-immunologic crosstalk in the setting of gastrointestinal infection and inflammation</i>
August 16, 2022	**Kathleen DelGiorno, PhD	<i>Tuft cells play a protective role in pancreatic injury through multiple mechanisms</i>
September 20, 2022	**Izumi Kaji, PhD	<i>Functional myosin Vb loss disrupts cellular metabolic pathways and differentiation lineages in the intestine</i>
November 15, 2022	**Wenhan Zhu, PhD	<i>Communal iron acquisition modulates host nutritional immunity</i>
January 17, 2023	**Chris Williams, MD, PhD	<i>The role of BVES in intestinal inflammation</i>
February 21, 2023	**Danyvid Olivares-Villagomez, PhD	<i>Turicibacterales protect mice from severe intestinal disease</i>
April 18, 2023	Alain Gobert, PhD	<i>The role of hypusination in colitis</i>
May 16, 2023	**Holly Algood, PhD	<i>IL-17 receptor activity is required to limit H. pylori-induced gastritis development</i>
June 20, 2023	**Eunyoung Choi, PhD	<i>Dysplastic stem cell plasticity in gastric carcinogenesis</i>
July 18, 2023	**Nick Markham, MD, PhD	<i>A single-cell resolution, multiomic spatial atlas of colonic injury driven by C. difficile from human disease-associated biofilms</i>
September 19, 2023	**Lori Coburn, MD	<i>Epithelial CCL11 exacerbates inflammatory colonic disease</i>
November 21, 2023	**Tim Cover, MD	<i>Molecular architecture and in vivo actions of the Helicobacter pylori cag type IV secretion system</i>
January 16, 2024	**Chris Williams, MD, PhD	<i>Role of Selenoprotein P in inflammatory colorectal injury</i>
February 20, 2024	**Yash Choksi, MD	<i>Defining the role of glutathione peroxidase 3 in eosinophilic esophagitis</i>
April 30, 2024	**Jeremy Goettel, PhD	<i>Distinct roles for interleukin-23 receptor signaling in regulatory T cells in inflammation-associated colonic disease</i>
May 21, 2024	**Holly Algood, PhD	<i>IL-17 receptor activity is required to limit H. pylori-induced gastric injury</i>
June 18, 2024	**Fang Yan, MD, PhD	<i>Mechanisms by which human milk oligosaccharides protect intestinal barrier and attenuate inflammation</i>
July 16, 2024	**John Wilson, PhD	<i>Targeting the cGAS/STING pathway in colitis</i>
August 20, 2024	**Bhuminder Singh, PhD	<i>Role of receptor tyrosine kinase crosstalk in Cetuximab resistance</i>
September 17, 2024	**Mona Mashayekhi, MD, PhD	<i>Immunologic effects of GLP-1 activation in obesity</i>
October 15, 2024	**Ashley Spann, MD, MSACI	<i>Informatics for liver disease care: A case study for metabolic dysfunction-associated steatotic liver disease (MASLD)</i>
January 21, 2025	**Wenhan Zhu, PhD	<i>A carcinogenic pathogen rewires colonocyte metabolism</i>

		<i>for gut colonization</i>
February 18, 2025	Paige Spencer, PhD	<i>Pathobiont-triggered induction of epithelial IDO1 drives regional susceptibility to inflammatory bowel disease</i>
April 15, 2025	DDRC Retreat	
May 20, 2025	**Yash Choksi, MD	<i>Defining the role of eosinophils in esophageal disease</i>
June 17, 2025	**Youngmin Lee, MD, PhD	<i>Hepatic stellate cells: Regional command centers of hepatocytes</i>
July 15, 2025	**Lori Coburn, MD	<i>Epithelial CCL11 plays a key role in inflammatory colorectal disease</i>
August 19, 2025	Alain Gobert, PhD	<i>p53 regulates hypusination in colonic epithelial cells: Implication for colorectal injury</i>
October 21, 2025	**Nathan Winn, PhD	<i>The integrin receptor-complex in obesity</i>
November 18, 2025	**Blanca Piazuelo, MD	<i>The role of the incisura angularis biopsy in disease risk assessment</i>
January 20, 2026	**Nick Zachos, PhD	<i>Differential regulation of intestinal stem cell responses to cytokines during wound healing in IBD</i>
February 17, 2026	**Claus Schneider, PhD	<i>Targeting the purine salvage pathway in cancer</i>
March 17, 2026	**Fang Yan, PhD	<i>A probiotic-derived protein epigenetically regulates intestinal stem cells in early life to prevent colitis in adulthood</i>
April 21, 2026	**Nick Markham, MD, PhD	<i>Spatial atlas highlights contribution of C. difficile in early-stage colorectal cancer</i>
May 19, 2026	**Bhuminder Singh, PhD	<i>Targeting EGFR-ERBB2 axis to overcome cetuximab resistance in EGFR ectodomain-mutant colorectal cancer</i>
June 16, 2026	**Jason Samuels, MD, FACS	<i>A new treatment paradigm in obesity and the pathway there</i>
July 21, 2026	**Holly Algood, PhD	<i>Cytokine control of gastric outcomes after H. pylori infection: IL-17 in barrier defense vs IFNγ in DNA damage</i>
August 18, 2026	**Maribeth Nicholson, MD, MPH	<i>Clostridioides difficile: Navigating the spectrum from colonization to disease</i>