

Epithelial Biology Center (EBC)
Seminar Series 2024-2026 (Current Funding Cycle)

***Co-sponsored Seminar with Vanderbilt Digestive Diseases Research Center (VDDRC)**

DATE	SPEAKER	INSTITUTION	TOPIC
January 18, 2024	*Arianne Theiss, PhD	University of Colorado	<i>Epithelial mitochondrial dysfunction and intestinal inflammation</i>
January 25, 2024	*Scott Magness, PhD	University of North Carolina	<i>The role of SOX9 in reserve intestinal stem cell activity</i>
February 1, 2024	Christopher Lengner, BS, PhD	University of Pennsylvania	<i>APC: Guardian of the colon</i>
February 8, 2024	Tae-Hee Kim, PhD	The Hospital for Sick Children; University of Toronto	<i>Defining and designing gut stem cell-environment interactions</i>
February 15, 2024	Anirban Maitra, MBBS	MD Anderson	<i>Molecular pathogenesis of IPMNs: Lessons learned from mice and humans</i>
February 22, 2024	*Hao Zhu, PhD	The University of Texas Southwestern	<i>Somatic mosaicism in regeneration, disease resilience, and cancer</i>
February 29, 2024	Kathryn Hamilton, PhD	Children's Hospital of Philadelphia, University of Pennsylvania	<i>IMP-plications for RNA regulation in intestinal plasticity</i>
March 7, 2024	Frank McKeon, MD, PhD	University of Houston	<i>How intrinsic mucosal immunity drives chronic disease</i>
March 21, 2024	Prashant Nighot, BVSc, MVSc, PhD	Penn State College of Medicine	<i>Guts for self-eating: The role of autophagy in intestinal barrier function</i>
March 27, 2024	*Ramesh Shivdasani, MD, PhD	Dana-Farber Cancer Institute	<i>Cells, functions, and organization of the intestinal mesenchymal niche</i>
April 4, 2024	Stephen J. Weiss, MD	University of Michigan	<i>Remodeling the extracellular matrix: Lessons from development, stem cells and cancer</i>
April 11, 2024	Kenichiro Taniguchi, PhD	Medical College of Wisconsin	<i>Modeling peri-implantation human embryogenesis using human pluripotent stem cells</i>
April 18, 2024	Christopher Yun, PhD	Emory University School of Medicine	<i>Multiple roles of lysophosphatidic acid receptor 5 in the intestinal epithelium</i>
August 16, 2024	Tae Hyun Hwang, PhD	Mayo Clinic, FL	<i>AI-driven multimodal 3D and 4D tumor immune microenvironment modeling: Exploring new dimensions in cancer research and therapy</i>
August 29, 2024	Olga S. Ovchinnikova, PhD	Biosciences Division, Thermo Fisher Scientific	<i>Driving towards democratization of spatial biology with multimodal imaging and machine learning</i>
February 17, 2025	Bruce Aronow, PhD	University of Cincinnati	<i>AI-assisted tools and tasks to turn rodeo riding the multiomic universe of biological systems and silos into a field of dreams for insights and discovery</i>
April 1, 2025	Clint A. Stalnecker,	University of North	<i>System-wide determination of KRAS</i>

	PhD	Carolina	<i>and ERK signaling in KRAS mutant cancers</i>
March 21, 2025	*William Grady, MD	Fred Hutchinson Cancer Center	<i>Age-related mechanisms of colorectal carcinogenesis and therapeutic opportunities</i>
September 29, 2025	Adam Bass, MD	Memorial Sloan Kettering Cancer Center	<i>Reimagining therapies for gastrointestinal cancer after some time on the other side</i>
January 15, 2026	Amy Engevik, PhD	Medical University of South Carolina	<i>From fat to forgetfulness: Type 2 immune pathways driving gastric metaplasia and neurodegeneration</i>
January 22, 2026	*Kim Jensen	University of Copenhagen	<i>Guiding intestinal stem cell fate during tissue regeneration</i>
January 29, 2026	*Jeffery Wade Brown, MD, PhD	Washington University	<i>Sulfomucins & cathartocytosis: An undescribed cell biological process at the heart of regeneration and precancerous metaplasia</i>
February 5, 2026	Robert Schwartz, MD, PhD	Cornell University	<i>Building bioengineered liver tissue and models to study human liver diseases</i>
February 12, 2026	Channing Der, PhD	University of North Carolina	<i>Targeting RAS for cancer treatment: Is it over now?</i>
February 19, 2026	*Adam Gracz, PhD	University of North Carolina	<i>A new role for Sox9 in bile duct development</i>
February 26, 2026	*Jim Casanova, PhD	University of Virginia	<i>Bacterial autophagy: Offense and defense at the host-pathogen interface</i>
March 5, 2026	Kalina Hristova, PhD	Johns Hopkins University	<i>Receptor interactions and signaling in health and disease</i>
March 10, 2026	Karuna Ganesh, MD, PhD	Memorial Sloan Kettering	<i>Dissecting and targeting cancer plasticity</i>
March 19, 2026	*Joel Gabre, MD	Columbia University	<i>Patient-derived organoid models to dissect mechanisms of GI tumorigenesis</i>
March 26, 2026	Luke Dow, PhD	Cornell University	<i>Genetic and non-genetic drivers of resistance to targeted therapy</i>
April 2, 2026	Thomas McFall, PhD	Medical College of Wisconsin	<i>RAS G12R imposes a resistance bottleneck to RAS inhibition that enables salvage therapy in PDAC</i>
April 9, 2026	Andy Grove, PhD	Washington University	<i>Can we restore hearing by reprogramming the cochlea?</i>
April 16, 2026	Krishna Mudumbi, PhD	Vanderbilt University	<i>Unraveling the kinetics of biased signaling one molecule at a time</i>