

MICROBIOLOGY & IMMUNOLOGY

2024-2025 SEMINAR SCHEDULE

DATE	NAME	INSTITUTION	SEMINAR TITLE
9/4/2024	Tracy Ruckwardt	VRV NIH	Vaccine Development for Respiratory Diseases
9/11/2024	Shawn Kwatra	UMSOM	The immunology of chronic itch – translation into new therapies
9/18/2024	Deeptha Bhattacharya	University of Arizona	Imprinting durable antibody-mediated immunity
9/25/2024	Saumen Sarkar	UMSOM	Mechanistic Specialization of Interferon-stimulated Gene function
10/2/2024	Ageliki Tsagaratou	UNC Chapel Hill	Ten Eleven Translocation (TET) proteins regulate invariant natural killer T (iNKT) cell differentiation and function.
10/9/2024	Tod Merkel	FDA	Pertussis Vaccination and infection
10/16/2024	Patrick Dolan	NIH/NIAID	Evolutionary Constraint and Dynamics in Enterovirus Populations
10/23/2024	Elizabeth Thompson	JHMI	Harnessing vaccinology to decode heterogeneity in the human immune system
10/30/2024	Nicole Baumgarth	JHU	Tolling and ChATing of B cells- innate regulation and functions of b cells in fluenza infection
11/6/2024	Ashira Blazer	UMSOM	APOL1 Risk Genotype in SLE: A Genes in Context Story
11/13/2024	Christopher Broder	USUHS	Advances in Nipah Virus and Hendra Virus Countermeasures: A New Monoclonal Antibody Therapeutic and a Thermostable Needle Free Subunit Vaccine Platform
11/20/2024	Bryan Mounce	Loyola University, Chicago	Fueling the infection: how polyamines coordinate metabolism to facilitate RNA virus replication
12/4/2024	Jose Lemme	UMSOM	Human intestinal mucosal barrier and host-pathogen interactions
12/11/2024	Raphael Valdivia	Duke University	Mucin degradation in the GI by the emerging probiotic bacteria - Akkermansia muciniphila
1/8/2025	Duane Weseman	Harvard	Antibody Somatic Hypermutation and Affinity Birth
1/15/2025	Stacey Gilk	University of Nebraska	Membrane Contact Sites: Fine-tuning cholesterol in the intracellular niche
1/22/2025	Erin Goley	JHU	Means to an end: cell polarity in Rickettsia parker
1/29/2025	Dorothy Sojka	Loyola University, Chicago	Regulation of Tissue-Resident Natural Killer Cells by Progesterone
2/5/2025	Alba Grifoni	La Jolla institute	Focusing on results in broad breadth of Betacoronavirus virus T cell recognition

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2/19/2025	Xinzhong Dong	Hopkins	The roles of a novel GPCR family Mrg in itch, pain, and innate immunity
2/26/2025	Will Ludington	Carnegie Institute	Carnegie institution for Science at Johns Hopkins University
3/5/2025	Sizun Jiang	Beth Israel Deaconess Medical Center	Lessons from Spatial. Also, do we really need Everything Everywhere at Once?
3/12/2025	Alison Carey		Interferons: Friend or Foe?
3/26/2025	Diana Elizondo	University of Maryland Baltimore County	Role of Myeloid Cell derived factors in the development of obesity included metabolic dysfunction
4/2/2025	Andrew Ward	Scripps Research Institute	CryoEM as a tool for vaccine design and antibody discovery
4/9/2025	Cynthia Sears	Johns Hopkins	How bacteria may influence Colon Carcinogenesis
4/16/2025	Fiachra Humphries	UMass Chan SOM	Metabolic regulation of cell death
4/23/2025	Jenny Ting (GOIDL)	UNC Chapel Hill	The multifaceted importance of innate immune receptors in health and diseases
4/30/2024	Daniel Shu	UMSOM	Tertiary lymphoid structures as mediators of response to immunotherapy in solid tumors
5/7/2025	Joseph Mattapalil	USUHS	Pediatric ferrets: An immunocompetent model to study pathology OF ev-D68 infection
5/14/2025	Craig Roy	Yale	Bacterial manipulation of host cells by the Dot/Icm type IV secretion system