

## Microbiology & Immunology 2021-2022 Seminar Schedule

Date	Name	Institution	Seminar Title
9/15/2021	Ann Jerse, PhD	Uniformed Services University	"Catch Me If You Can: The spread of antibiotic resistant <i>Neisseria gonorrhoeae</i> as it relates to <i>in vivo</i> biological fitness"
9/22/2021	Johanna Holm, PhD	University of Maryland Baltimore	"Functional dimensions of the vaginal microbiome and associations with incidence of sexually transmitted infections"
9/29/2021	Olga Kovbasnjuk, PhD	University of New Mexico	"Human stem cell derived intestinal organoids as the model of host-microbial interactions (SARS-CoV-2 and enterohemorrhagic <i>E. coli</i> )"
10/6/2021 VIRTUAL	Marit van Gils, PhD	University of Amsterdam	"HIV-1 has paved the way in the battle against SARS-CoV-2"
10/13/2021 VIRTUAL	Craig Cameron, PhD	University of North Carolina	"Antiviral therapy: Towards the personal and precise"
10/20/2021 VIRTUAL	Erika Pearce, PhD	Johns Hopkins University	"Mitochondrial shape shifting in the T cell response"
11/3/2021	Meg Scull, PhD	University of Maryland College Park	"At the Interface: Influenza Virus - Mucin Interactions in the Airway"
11/10/2021 VIRTUAL	Andreas Radbruch, PhD	Deutsches Rheuma-Forschungszentrum Berlin	"Immunological Memory - Against the Dogma"

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11/17/2021	Utpal Pal, PhD	University of Maryland College Park	"Next-generation Therapeutics for Lyme Disease"
12/1/2021	Masaru Kanekiyo, DVM, PhD	National Institutes of Health	"Towards the development of next-generation influenza vaccines"
12/8/2021	Stuart Weston, PhD	University of Maryland Baltimore	"The SKI complex as a broad-spectrum, host directed antiviral drug target"
12/15/2021	Bryan Bryson, PhD	Massachusetts Institute of Technology	"Engineering the host-pathogen interface"
1/19/2022 VIRTUAL	Francois Lebreton, PhD	Walter Reed Army Institute of Research (MRSN)	"Genome-based Prospective and Retrospective Analysis of Bacterial Outbreaks in the Military Health System"
2/2/2022 VIRTUAL	Shruti Naik, PhD	New York University	"Immune-epithelial crosstalk in inflammation and tissue repair"
2/9/2022	Nathan Archer, PhD	Johns Hopkins University	"Immune responses to Staphylococcus aureus in the skin"
2/16/2022 VIRTUAL	Laura Mackay, PhD	Doherty Institute	"Functional heterogeneity of tissue-resident lymphocytes"
2/23/2022	David Dowling, PhD	Boston Children's Hospital	"Adjuvanted Vaccines Targeted to Vulnerable Populations"
3/2/2022	George Liechti, PhD	Uniformed Services University	"Division, Differentiation, and 'Persistence' in the obligate intracellular pathogen, Chlamydia trachomatis."

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3/9/2022	Bing Ma, PhD	University of Maryland Baltimore	"Bridging the gap between microbiome and host immunity"
3/30/2022	Erin Goley, PhD	Johns Hopkins University	"Bacterial Growth and Adaptation in Diverse Environments"
4/6/2022	Bernard Moss, PhD	National Institutes of Health	"Poxviruses: Deadly Pathogens to Recombinant Vector Vaccines"
4/13/2022	Alison Scott, PhD	University of Maryland Baltimore	"Mining lipid metabolic dysregulation for therapeutic targets in a model of bacterial pneumonia using spatial 'omics"
4/20/2022	Andrew Broadbent, PhD	University of Maryland College Park	"Understanding Birnavirus replication, pathogenesis and immunosuppression"
4/27/2022	Nadine Samara, PhD	National Institutes of Health	"The diverse substrate specificities of mucin-type O-glycosyltransferases"
5/4/2022 *GOIDL*	Rafi Ahmed, PhD	Emory University	"T Cell Lifestyle during Chronic Infection and Cancer: Implications for Immunotherapy"
5/11/2022 VIRTUAL	Amariliz Rivera, PhD	Rutgers University	"Novel insights on the regulation of innate antifungal immunity"
5/18/2022	Boris Striepen, PhD	University of Pennsylvania	"The biology of the intracellular intestinal parasite Cryptosporidium"