

# MICROBIOLOGY SEMINAR SERIES

## SPRING 2025

### Wednesdays at Noon

#### In-person seminars CRB Austrian Auditorium

January 8<sup>th</sup>

**Co-sponsored by Penn CFAR**

**Eric Freed, PhD**  
National Cancer Institute, NIH  
*"HIV Assembly, Maturation,  
and Drug Resistance"*

January 15<sup>th</sup>

**Karen Edelblum, PhD**  
Icahn School of Medicine at Mount Sinai  
*" $\gamma\delta$  intraepithelial lymphocyte regulation of the intestinal barrier"*

January 22<sup>nd</sup>

**Virtual Seminar**

**Marcel van den Brink, MD, PhD**  
City of Hope National Medical Center  
*"The role of the intestinal microbiome in cancer  
immunotherapy"*

January 29<sup>th</sup>

**Kelly Doran, PhD**  
University of Colorado School of Medicine  
*"Importance of Commensal Fungi to Group B Streptococcal  
Vaginal Colonization "*

February 5<sup>th</sup>

**Paul Bollyky, MD**  
Stanford University Medical Center  
*"Tri-Kingdom Interactions between Bacteriophages, Bacteria,  
and their Human Hosts "*

February 12<sup>th</sup>

**Joe Heitman, MD, PhD**  
Duke University Medical Center  
*" RNAi-dependent epimutations evoke transient antimicrobial  
drug resistance"*

February 19<sup>th</sup>

**Isabelle Derré, PhD**  
University of Virginia School of Medicine  
*"Chlamydia intracellular development"*

February 26<sup>th</sup>

**Siyuan Ding, PhD**  
Washington University School of Medicine in St. Louis  
*"New Mechanistic Insights into Rotavirus Host Range Restriction  
and Pathogenesis"*

March 5<sup>th</sup>

**Fitnat Yildiz, PhD**  
University of California Santa Cruz  
*"Mechanisms and Consequences of Biofilm Formation"*

March 12<sup>th</sup>

**Daphne Avgousti, PhD**  
Fred Hutchinson Cancer Research Center  
*"Viral manipulation of host chromatin"*

March 19<sup>th</sup>

**Breck Duerkop, PhD**  
University of Colorado  
*"Mobile genetic elements drive bacterial adaption during  
polymicrobial interactions"*

March 26<sup>th</sup>

**Luiza Mendonca, PhD**  
University of Minnesota  
*"Virology at Native States: The Power of In Situ Cryoimaging"*

April 2<sup>nd</sup>

**Co-sponsored by Penn CFAR**

**Nicolas Chomont, PhD**  
Université de Montréal  
*"HIV reservoirs: when, where and how does HIV hide?"*

April 9<sup>th</sup>

**Co-sponsored by CCEP**

**Luis Martinez, PhD**  
Stanford University  
*"Reverse genetics applications for pandemic and potential  
pandemic viruses"*

April 16<sup>th</sup>

**Camila Coelho, PhD**  
Icahn School of Medicine at Mount Sinai  
*"Targeting Protective B Cell Epitopes for Therapeutic Antibodies  
against Mpox"*

April 23<sup>rd</sup>

**CANCELLED**

**Dominique Soldati, PhD**  
Université de Genève

April 30<sup>th</sup>

**Neal Nathanson Seminar**

**Bruce Walker, MD**  
Mass General  
Research Institute/Harvard University  
*"HIV as a model for immune control and immune failure:  
Insights from Africa"*

May 7<sup>th</sup>

**Jeffrey Lifson, MD**  
Frederick National Laboratory for Cancer Research  
*"Retroviral Vignettes"*

May 14<sup>th</sup>

**Tim Sheahan, PhD**  
UNC Gillings School of Global Public Health  
*"Preparing for Tomorrow's Pandemics Today: Broad spectrum  
antivirals for emerging coronavirus infections"*

For more information or if you would like to meet with any of the speakers, email

[MicroSeminar@pennmedicine.upenn.edu](mailto:MicroSeminar@pennmedicine.upenn.edu)

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