



**University
of Rochester**

**First Annual
Infection and Immunity Symposium**
The Future of Infection and Immunity Research

Monday, October 27, 2025

**Class of 1962 Auditorium
and Flaum Atrium**

8:30 – 9:00 a.m.

Registration and Continental Breakfast

9:00 - 9:10 a.m.

Welcome and Introductions

David Topham, PhD and Paul Bohjanen, MD, PhD
University of Rochester

9:15 – 9:45 a.m.

Jennifer Nayak, MD

University of Rochester

Recombinant Live-Attenuated Respiratory Syncytial Virus Vaccine in Children

9:45 – 10:30 a.m.

Angela Branche, MD

University of Rochester

The Diagnostic Utility of Host Gene Expression in Adults with Respiratory Illnesses

10:30 - 10:45 a.m.

Coffee Break

10:45 – 11:15 a.m.

GUEST: Steven Kleinstein, PhD

Yale University

Analysis of B cell antibody repertoires to identify immune signatures of vaccination and infection responses

11:15 – 12:00 p.m.

Tim Mosmann, PhD

University of Rochester

Deep re-analysis of the HVTN105 vaccine trial – mining the richness of flow data

12:00 – 12:45 p.m.

LUNCH

12:45 – 1:30 p.m.

Poster Viewing & Contest

1:30 – 2:15 p.m.
GUEST: Michael Gale, Jr, PhD
University of Minnesota
Combating emerging viruses

2:15 – 2:45 p.m.
Kristin Scheible, MD
University of Rochester
Investigating immune FIT-ness during fetal and early postnatal development

2:45 - 3:00 p.m.
Coffee Break

3:00 – 3:30 p.m.
Gowrishankar Muthukrishnan, PhD
University of Rochester
Immunobiology of Bone Infections

3:30 – 4:15 p.m.
Tanya Mayadas, PhD
University of Rochester
Harnessing neutrophils for anti-tumor immunity

4:15 – 5:00
Panel Discussion
The Future of Infection and Immunity Research

5:00 – 5:15 p.m.
Closing Remarks
David Topham, PhD and
Paul Bohjanen, MD, PhD
University of Rochester

5:15 p.m. – 6:00 p.m.
RECEPTION
Beverages and snacks