

**M&I Post Doctoral Symposium 2025**  
**October 24, 2025**  
**1:30 pm to 4:30pm**  
**Whitehead Auditorium**

**AGENDA**

| Time            | Speaker                                                                                                                 | Title of talk                                                                                                   |
|-----------------|-------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| 1:30 - 2:30 pm  | Ralph R. Isberg, PhD<br><i>Department of Molecular Biology and Microbiology<br/>Tufts University School of Medicine</i> | <u>Keynote</u><br>Evolutionary Precursors to High-Level Antibiotic Resistance in <i>Acinetobacter baumannii</i> |
| 2:30 – 2:45 pm  | Gracie Quirk, PhD                                                                                                       | Ocular tropism of human seasonal and avian influenza viruses                                                    |
| 2:45 – 3:00 pm  | Mathilde Salamon, PhD                                                                                                   | Systematic Lupus Erythematosus expression QTL analysis in understudied African American ancestry patients       |
| 3:00 – 3:15 pm  | Break with refreshments                                                                                                 |                                                                                                                 |
| 3:15 – 3:30 pm  | Lucas Matias Ferreri                                                                                                    | Interplay between selection and genetic drift shapes evolution during influenza A virus infection               |
| 3:30 – 3:45 pm  | Mary Amanda Car, PhD                                                                                                    | Modulation of Purinergic Signaling by Streptococcal Nucleotidases                                               |
| 3:45 – 4:00 pm  | Maidul Islam, PhD                                                                                                       | Role of <i>Klebsiella pneumoniae</i> stringent stress response regulator in gut colonization                    |
| 4: 00 – 4:15 pm | Anna Sims, PhD                                                                                                          | Superinfection exclusion creates spatially distinct influenza A virus populations                               |
| 4:30 – 5:30 pm  | Reception and awarding at 3 <sup>rd</sup> floor RRC lobby                                                               |                                                                                                                 |

Convener: Bagde

Backup timekeeper: Christina

Snacks (break and reception) and clean up: Rebecca and Stacie

Equipment: timer stoplight, flash drive, pointer, timer sheets (back up)

Judges: Chris Neufeldt, Boyoung Shin, and Marcin Grabowicz