

Event Program

MORNING SESSION

8:30 – 9:00 am	Arrival / Check-in / Registration
9:00 – 9:15 am	Welcome and opening remarks by Dr. Andrew McArthur
9:15 – 10:20 am	Keynote Speaker – Dr. Kim Lewis
CHAIR SESSION 1:	BUSHRA ILYAS, COOMBES LAB
10:20 – 10:25 am	Introduction to Hart Award, Dr. Gerry Wright
10:25 – 10:30 am	Dr. Michael Surette introducing Michael Kamin Hart Memorial Scholarship Staff awardee Laura Rossi
10:30 – 10:35 am	Dr. Matthew Miller introducing Michael Kamin Hart Memorial Scholarship Summer Undergraduate awardee Daniel Celeste
10:35 – 10:55 am	Daniel Celeste (Undergraduate, Miller Lab) <i>The role of innate immunity in virus-induced exacerbation of amyotrophic lateral sclerosis</i>
10:55 – 11:40 am	Coffee Break and Posters
CHAIR SESSION 2:	KENNETH RACHWALSKI, BROWN LAB
11:40 – 11:45 am	Dr. Gerry Wright introducing Michael Kamin Hart Memorial Masters awardee Allison Guitor
11:45 – 12:05 am	Allison Guitor (Masters student, Wright Lab) <i>In-solution targeted capture of antibiotic resistance genes</i>
12:05 – 12:10 am	Dr. Marie Elliot introducing Michael Kamin Hart Memorial PhD awardee Stephanie Jones
12:10 – 12:30 pm	Stephanie Jones (PhD, Elliot Lab) <i>Expanding horizons: new paradigms in Streptomyces growth and exploration</i>
12:30 – 1:30 pm	Lunch and Posters

AFTERNOON SESSION

CHAIR SESSION 3: SARA KILMURY, BURROWS LAB

1:30 – 1:45 pm **Wael Elhenawy** (Postdoctoral fellow, Coombes Lab)
Understanding the adaptation of Crohn's Disease-associated Escherichia coli to the host environment

1:45 – 2:00 pm **Ophelie Quillier** (MSc student, Surette Lab)
The role of human commensals in the immune response associated with the clearance of antibiotic-resistant airway pathogens

2:00 – 2:15 pm **Patrick Schenck** (PhD student, Surette Lab)
Assessing the importance of the nasal microbiota during Streptococcus pneumoniae colonization

2:15 – 2:30 pm **Andrew Pawlowski** (PhD student, Wright Lab)
The evolution of substrate discrimination in macrolide antibiotic resistance enzymes

2:30 - 3:15 pm Coffee Break and Posters

CHAIR SESSION 4: JESSICA BARTOSZKO, LOEB LAB

3:15 – 3:30 pm **Garima Kumar** (Postdoctoral fellow, Brown Lab)
Exploiting the sensitivity of nutrient transporter deletion strains in discovery of natural product antimetabolites

3:30 – 3:45 pm **Nicholas Waglechner** (PhD student, Wright Lab)
Evolution-guided identification of biosynthetic gene clusters

3:45 – 4:00 pm **Sam Afkhami** (PhD student, Xing Lab)
Development and therapeutic application of novel chimpanzee adenoviral-based vaccines against tuberculosis

4:00 – 4:15 pm **Shehryar Ahmad** (PhD student, Whitney Lab)
Membrane protein transport via Type VI secretion

4:15 – 4:20 pm Closing Remarks, **Dr. John Whitney**

4:30 – 6:30 pm Social and Awards Presentation (Faculty Club)