



Arizona Symposium on Virology, Immunology, Microbiomes and Infectious Disease

Friday, June 7, 2019

10:00 am – 4:15 pm

Phoenix Biomedical Campus
Biomedical Sciences Partnership Building
475 N. 5th Street, Phoenix AZ

AGENDA

9:30 am – 9:55 am	Check-in
9:55 am – 10:00 am	Welcome and Introduction Paul Boehmer and Grant McFadden
10:00 am – 11:20 am	Session 1 – Immunology and the Host Response to Infection Co-Chairs: Kurt Gustin and Sam Campos Jason Ladner, NAU: <i>Fully in vitro approach for highly-multiplexed serological characterization</i> Wei Kong, ASU: <i>Self-destructing Salmonella-based vaccine delivery against infectious disease</i> John Purdy, UA: <i>HIF1α limits human cytomegalovirus infection by suppressing IDO1 tryptophan metabolism</i> Cheryl Ann Bondy, UA: <i>Fungal asthma and airway innate immunity</i>
11:20 am – noon	Keynote Address Nels Elde, University of Utah: <i>The evolutionary potential of viruses</i>
Noon – 12:45 pm	Lunch Networking
12:45 pm – 1:30 pm	Poster Session Lobby
1:30 pm – 2:45 pm	Session 2 – Applying Microbiome Research to Enhance Health Outcomes Co-Chairs: Melissa Herbst-Kralovetz and Greg Caporaso Bonnie Hurwitz, UA: <i>An ecologically informed machine learning approach to viral detection in microbiomes</i> Efrem Lim, ASU: <i>Role of the virome in health and disease</i> Greg Caporaso, NAU: <i>Hacking microbiomes: using computers and genomics to improve our world</i> Rapid Fire Presentations: <i>chosen from posters</i>
2:45 pm – 3:00 pm	Break
3:00 pm – 4:15 pm	Session 3 – Tracking Immune Responses and Viruses Co-Chairs: Brenda Hogue and Joe Blattman John Altin, NAU/TGen: <i>Enabling systems level analysis of adaptive immune responses</i> Jun Wang, UA: <i>Drug discovery and pharmacology of antiviral targeting influenza and enteroviruses</i> Arvind Varsani, ASU: <i>The muddy viral “playground” of recombinant, reassortant, and highly diverse viruses</i> Rapid Fire Presentations: <i>chosen from posters</i>
4:15 pm onwards	Networking Canyon Café in Arizona Center Cash bar happy hour

