Agenda- Frontiers in Immunobiology & Immunopathogenesis Symposium

Morning Activities
BIO5 (Keating Building), 1st Floor Lobby and Room 103

7:45 - 8:15 AM  Registration & Continental Breakfast

8:20 - 8:40 AM  Welcome Announcements
Janko Nikolich-Žugich, MD, PhD
Professor and Department Head, Immunobiology
Co-Director, Arizona Center on Aging

Charles Cairns, MD, FACEP, FAHA
Dean, College of Medicine-Tucson
Assistant Vice President, Clinical Research and Clinical Trials
Professor, Emergency Medicine

Jennifer Barton, PhD
Professor, Biomedical Engineering
Director, BIO5 Institute

Session I: Bacteriology
Moderator: Man Cheong (Iris) Ma

8:40 - 8:50 AM  Maria A Rendon, PhD
“Transcriptional control of the type IV pilus in Neisseria elongata”

8:55 - 9:15 AM  Raina M. Maier, PhD
Interim Director, Institute of the Environment
Department of Soil, Water and Environmental Science, University of Arizona,
Tucson, Arizona
“The Earth’s Microbiome and Human Health”

9:20 - 10:10 AM  Plenary Lecture, Alison Criss, PhD
Department of Microbiology, Immunology, and Cancer Biology at University of
Virginia School of Medicine, Charlottesville, Virginia
“Neutrophilic inflammation in the pathogenesis of Neisseria
gonorrhoeae infection”

10:15 - 10:35 AM  BREAK, coffee available in Lobby
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Session II: Virology  
**Moderator: Jacob Zbesko**

10:35 - 10:45 AM  
*Jameson Gardner*  
“Depo-Provera and β-estradiol regulate IL-36γ in the vaginal microenvironment and impact HSV-2 pathogenesis”

10:50 - 11:00 AM  
*Donna Collins-McMillen, PhD*  
“Do Novel Immediate Early Promoters Drive Human Cytomegalovirus Reactivation from Latency?”

11:05 - 11:55 PM  
**Plenary Lecture, Stacey Schultz-Cherry, PhD**  
Infectious Diseases Department, St. Jude Children’s Research Hospital, Memphis, Tennessee  
“Have Swab Will Travel; Looking for Influenza in All the Fun Places”

12:00 - 1:00 PM  
**Lunch Sessions with Plenary Speakers**

*Immunology Hot Topics*  
BIO5 (Keating Building), Room 103  
*Nico Contreras, student moderator*

*Virology Hot Topics*  
Medical Research Building, Room 102  
*Jacob Zbesko, student moderator*

*Bacteriology Hot Topics*  
Medical Research Building, 2nd Floor Lunchroom  
*Man Cheong (Iris) Ma, student moderator*
Session III: Immunobiology
Moderator: Nico Contreras

1:05 - 1:15 PM  Lydia Meador, PhD
“Inflammation induces GILT expression in human melanoma”

1:20 - 1:30 PM  Mladen Jergovic, PhD
“Expression of Ly6C defines a subpopulation of naïve CD8 T cells with a rapid effector function which is expanded under ‘non SPF’ conditions”

1:35 - 1:55 PM  Deepta Bhattacharya, PhD
Department of Immunobiology, University of Arizona, Tucson, Arizona
“Good memories and bad ones of flavivirus infections”

2:00 - 2:20 PM  BREAK, coffee available in Lobby
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2:20 - 2:30 PM  Krysta Felix
“P2x7 Purinergic Receptor Expression on T cells Controls Autoimmune Arthritis”

2:35 - 3:25 PM  Plenary Lecture, Jessica Hamerman, PhD
Benaroya Research Institute at Virginia Mason, Seattle, Washington
“Toll-like receptors, Monocyte Differentiation, and Macrophage Activation Syndrome”

3:30 – 3:35 PM  Closing Remarks/Acknowledgements

3:35 – 3:40 PM  BREAK & Poster Setup
Please visit our sponsors.

Evening Activities
Medical Research Building, 1st Floor Lobby and Room 102

3:40 - 5:00 PM  Poster Session and Reception

5:10 PM  Poster Awards & Drawing for iPad