Day 1, April 6, Tuesday

7:30 AM – 8:30 AM	**Registration/Breakfast**
8:30 AM– 8:40 AM	**Welcome Remarks:** Kenneth W. Sewell, PhD, Vice President for Research, Oklahoma State University
Session I: Host-pathogen Interactions	
8:40 AM – 9:15 AM	Keynote: Adolfo Garcia-Sastre, PhD, Icahn School of Medicine, New York *Virus and Host Determinants of Zoonotic Transmissions*
9:15 AM – 9:35 AM	Anthony Fehr, PhD, The University of Kansas *Host-Pathogen Conflict: The Story of Coronaviruses, Macrodomains, PARPs, and ADP-ribosylation*
9:35 AM – 9:55 AM	Monica Rosas Lemus, PhD, The University of New Mexico *TBA*
9:55 AM – 10:15 AM	Sudhakar Jha, PhD, Oklahoma State University *TBA*
10:15 AM – 10:35 AM	**Break/Networking**
Session II: Immune response to pathogens	
10:35 AM – 11:10 AM	Keynote: Jatin (Jay) Vyas, MD, PhD, Columbia University Irving Medical center, New York *Wallpaper or pastiche? – The Role of the Respiratory Epithelium in Host Defenses against Fungal Pathogens*
11:10 AM – 11:30 AM	Sarah Clark, PhD, University of Colorado Anschutz *Innate immune receptors governing neutrophil antibacterial function and defense against pneumococcal pneumon*ia
11:30 AM – 11:50 AM	Joy Scaria, PhD, Oklahoma State University *Harnessing Engineered Microbiomes to Modulate Host Defense in SARS-CoV-2 Infection*
11:50 AM – 12:10 PM	Chiung-Yu Hung, PhD, The University of Texas at San Antonio *Innate and Adaptive Immune Responses to Coccidioides Infection*
12:10 PM – 1:25 PM	**Lunch/ Trainee career development**
Session III: Pathogenesis	
1:25 PM – 2:00 PM	Keynote: Christina Stallings, PhD, Washington University, St Louis *Playing with Fire: Mycobacterial Virulence and the Inflammatory Response*
2:00 PM – 2:20 PM	Weishan Huang, PhD, Louisiana State University *T Cell Regulation of the Durability of Protective Humoral Immunity*

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2:20 PM – 2:40 PM	Alison Kell, PhD, The University of New Mexico *Identifying host factors that promote hantavirus infections*
2:40 PM – 3:00 PM	Ciaran Shaughnessy, PhD, Oklahoma State University *Receptor-mediated CFTR activation in the airway*
3:00 PM– 4:00 PM	Trainee Flash Talks x 12 (5' each)
4:00 PM - 5:30 PM	**Poster Session/ Reception**

Day 2, April 7, Wednesday

7:30 AM – 8:30 AM	**Breakfast**
Session IV: Infection-associated illnesses and chronic diseases	
8:30 AM – 9:05 AM	Keynote: Homer L. Twigg II, MD, School of Medicine, Indiana University, Indianapolis *Viruses and Chronic Disease: Lessons from the SARS-CoV-2 Pandemic*
9:05 AM – 9:25 AM	Jennifer S. Guimbellot, MD., PhD, University of Arkansas for Medical Sciences *TBA*
9:25 AM – 9:45 AM	Umesh Deshmukh, PhD, Oklahoma Medical Research Foundation *TBA*
9:45 AM – 10:05 AM	Neeraj Singh, PhD, Oklahoma State University *TBA*
10:05 AM – 10:25 AM	**Break/Networking**
10:25 AM - 11:10 AM	OCRID Core Advanced Technologies and Shared Resources Animal Models Core (AMC) Immunopathology Core (IPC) Molecular Biology and Genomics Core (MBGC)
11:10 AM – 11:30 AM	Award Ceremony/ Closing Remarks

Note:

Keynote Presentations: Each presentation will be 25 minutes, followed by 10 minutes for discussion.

Speaker Presentations: Each presentation will be 15 minutes, followed by 5 minutes for discussion.

Flash Talks: Each presentation will be 5 minutes

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