**MONDAY, JANUARY 17**
Arrival and Registration

**TUESDAY, JANUARY 18**
Beyond Acute Disease: Consequences of Respiratory Virus Infections (J4)

**Jie Sun**, Mayo Clinic, USA
*Immune Mediated Lung Damage*

**Andrew E. Vaughan**, University of Pennsylvania, USA
*Chronic Post-Viral Effects on Lung Structure*

**Carolina B. López**, Washington University School of Medicine, USA
*Impact of Defective Viral Genomes on Respiratory Syncytial Virus Clinical Outcomes*

Short Talks Chosen from Abstracts

Inflammation and Innate Immunity in Viral Infections (J3)

**Siddharth Balachandran**, Fox Chase Cancer Center, USA
*Mechanisms of Influenza Virus-Induced Cell Death*

**Lisa P. Daley-Bauer**, Emory University, USA
*Combined Deficiency in Caspase-8 and RIPK3*

**Catherine A. Blish**, Stanford University School of Medicine, USA
*Defining the Role of NK Cells in Viral Immunity*

Short Talks Chosen from Abstracts

Workshop 1: Zoonoses (J4)

Short Talks Chosen from Abstracts

Workshop 1: Innate Immunity in Viral Infections (J3)

Short Talks Chosen from Abstracts

Immunity and Respiratory Viruses: Good and Bad (Joint)

**Katelyn M. Gostic**, University of Chicago, USA
*Order matters: Imprinting and Other Forms of Path-Dependence Shape Cross-Protective Immune Memory*

**Peter J.M. Openshaw**, Imperial College London, UK
*Mucosal Immunity to Respiratory Viruses*

**Ali H. Ellebedy**, Washington University School of Medicine, USA
*Tracking Human Immune Responses to Influenza Vaccines across Anatomical Compartments*

**Andreas Wack**, Francis Crick Institute, UK
*Types I and III Interferons in Pathogenesis and Repair*

Short Talks Chosen from Abstracts

**Poster Session 1**

**WEDNESDAY, JANUARY 19**

New Approaches to Studying Respiratory Viruses I (J4)

**Seema Lakdawala**, University of Pittsburgh School of Medicine, USA
*Microscopy to Study Viral Transport within Infected Cells*

**Edward Hutchinson**, University of Glasgow, UK
*Hybrid Genes and Chimeric Proteins*

**Susanne Herold**, University of Giessen Lung Center, Germany
*Organoid Modeling to Study the Pathomechanisms of Viral Lung Infection*

Short Talks Chosen from Abstracts

Human Immunity in Blood and Tissues (J3)

**Katherine Kedzierska**, University of Melbourne, Australia
*Human CD8+ T Cells in Blood and Tissues*

**Donna L. Farber**, Columbia University Medical Center, USA
*Anti-Viral Immunity in Human Tissues*

**Frances E. Lund**, University of Alabama at Birmingham, USA
*B Cells and Antibody Secreting Cells across Human Tissues*

Short Talks Chosen from Abstracts

Workshop 2: Transmission (J4)

Short Talks Chosen from Abstracts

Workshop 2: Adaptive Immunity in Viral Infections (J3)

Short Talks Chosen from Abstracts

Novel Insights into Respiratory Virus Biology (J4)

**Andrew B. Ward**, The Scripps Research Institute, USA
*Monitoring Antibody Responses to Influenza and Coronavirus using Electron Microscopy*

**Ryan A. Langlois**, University of Minnesota, USA
*Virus-Cell Interactions in vivo*

**Jennifer M. Lund**, Fred Hutchinson Cancer Research Center, USA
*T Cell Phenotypes in the Antiviral Response*

**Christopher Chiu**, Imperial College London, UK
*Lessons from Human Challenge Infection with Respiratory Viruses*

Short Talks Chosen from Abstracts

T Cells, B Cells and their Receptors (J3)

**Paul G. Thomas**, St. Jude Children's Research Hospital, USA
*Specificity of the CD8 T Cell Compartment in Viral Infections*

**Bryan Briney**, The Scripps Research Institute, USA
*Diversity in the Human Antibody Repertoire*

* Session Chair † Invited but not yet accepted  Program current as of September 19, 2021. Meal formats are based on meeting venue. For the most up-to-date details, visit https://www.keystonesymposia.org.
Dirk Hans Busch, Technical University Munich, Germany
CD8+ T Cells in CMV Infection

Sophie A. Valkenburg, University of Hong Kong, Hong Kong
The Coordinated B and T Cell Response in Influenza Vaccination

Short Talks Chosen from Abstracts

THURSDAY, JANUARY 20

Translational and Developmental Aspects of Antibodies (Joint)

Galit Alter, MIT and Harvard University, USA
Systems Serology to Characterize Antibody Responses

Alina Baum, Regeneron Pharmaceuticals, USA
Antibodies to Respiratory Viruses—Successes and Challenges

Jesse D. Bloom, Fred Hutchinson Cancer Research Center, USA
Mapping Person-to-Person Variation in Viral Mutations that Escape Polyclonal Immunity

Short Talks Chosen from Abstracts

Prevention and Treatment Strategies: Vaccines and Antivirals (J4)

Nevan J. Krogan, University of California, San Francisco, USA
Host Factors as Antiviral Targets

Kathleen M. Neuzil, University of Maryland, USA
Comparing and Contrasting COVID-19 Vaccine Platforms

Kanta Subbarao, WHO Collaborating Centre for Reference and Research on Influenza, Australia
Improving Influenza Vaccines

Kena Swanson, Pfizer Inc., USA
RSV Vaccines—Lessons Learned from the COVID-19 Experience with Respect to Pediatric Vaccines

Short Talks Chosen from Abstracts

Novel Approaches to Anti-Viral Vaccines (J3)

Florian Krammer, Icahn School of Medicine at Mount Sinai, USA
Novel Antigenic Targets for Influenza Vaccination

Andrea J. Sant, University of Rochester Medical Center, USA
Influenza Specific CD4 T Cell Responses to Vaccination and Infection

Gary J. Nabel, Sanofi, USA
Innovation in Antibody Structure and Design

Stacey Lynne Schultz-Cherry, St. Jude Children’s Research Hospital, USA
Vaccinating Vulnerable Populations

Short Talks Chosen from Abstracts

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Meeting Wrap-Up: Outcomes and Future Directions (Organizers) (J4)

Meeting Wrap-Up: Outcomes and Future Directions (Organizers) (J3)

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