**MONDAY, APRIL 8**

Arrival and Registration

**TUESDAY, APRIL 9**

Welcome and Keynote Address

Sarah Catherine Gilbert, University of Oxford, UK
Preparring to Vaccinate Against the Next Pandemic.

Pathogenesis I- Viral Emergence

Stefan Pöhlmann, Deutsches Primatenzentrum GmbH, Germany
Principles of Coronaviral Infections

Sara Sawyer, University of Colorado, Boulder, USA
Viral Spillover

Geoffrey L. Smith, University of Oxford, UK
Host:Virus Interactions with Monkeypox

Short Talks Chosen from Abstracts

Career Roundtable

Pathogenesis II- Molecular Mechanisms

Melanie M. Ott, Gladstone Institutes, USA
How Viral Proteins Shape HIV and SARS-CoV-2 Pathogenesis

Wendy Barclay, Imperial College London, UK
Lessons Learned from Flu and SARS-CoV-2

Kei Sato, University of Tokyo, Japan
Pathogenicity of Omicron Subvariants

Short Talks Chosen from Abstracts

Poster Session 1

**WEDNESDAY, APRIL 10**

Common Lessons in Prevention

Lynda M. Stuart, Institute for Protein Design, University of Washington, USA
mRNA Vaccines and Impact beyond SARS-CoV-2

Penny L. Moore, University of the Witwatersrand and National Institute for Communicable Diseases, South Africa
Antibody Responses in People Living with HIV

Olivier Schwartz, Institut Pasteur, France
Entry and Replication of SARS-CoV-2 Omicron Variants and Seasonal Coronavirus

Joel N. Blankson, Johns Hopkins School of Medicine, USA
Natural Immunity to HIV

Short Talks Chosen from Abstracts

Workshop 1

Short Talks Chosen from Abstracts

Drivers of Viral Evolution

Jesse D. Bloom, Fred Hutchinson Cancer Research Center, USA
Using Deep Mutational Scanning to Interpret Viral Antigenic Evolution

Alex Sigal, Africa Health Research Institute, South Africa
SARS-CoV-2 Evolution and Pathogenesis in PLWH

**THURSDAY, APRIL 11**

Pushing the Boundaries on Viral Therapeutics

George Painter, Emory University School of Medicine, USA
Development of Pan-Antiviral Treatments

Sharon R. Lewin, University of Melbourne, Australia
CRISPR-Cas13 as Therapeutics for RNA Viral Infections

Priti Kumar, Yale School of Medicine, USA
With Gene Therapy Against HIV

Galit Alter, Moderna, Inc., USA
Antibodies Therapeutics in HIV, SARS, Flu, and RSV

Short Talks Chosen from Abstracts

Workshop 2

Short Talks Chosen from Abstracts

Post-Acute Sequelae of Viral Infections

Nadia R. Roan, University of California, San Francisco, USA
Post-Acute Sequelae of COVID-19

Erica Ollmann Saphire, La Jolla Institute for Immunology, USA
Survivors of Hemorrhagic Fever Diseases

Irini Sereti, NIAID, National Institutes of Health, USA
HIV and Chronic Immune Activation

Short Talks Chosen from Abstracts

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

**FRIDAY, APRIL 12**

Departure