TUESDAY, APRIL 9
Arrival and Registration

WEDNESDAY, APRIL 10
Welcome and Keynote Address (Z1)
Yasmine Belkaid, NIAID, National Institutes of Health, USA
Microbial Control of Tissue Threshold of Activation

Systems Immunology: Signatures and Mechanisms (Z2)
Ronald N. Germain, NIAID, National Institutes of Health, USA
Of Space and Time in Immune Response Orchestration
Mark M. Davis, Stanford University School of Medicine, Howard Hughes, USA
Of Human, Mouse, and Organoid Immune Systems
John Tsang, Yale University School of Medicine, USA
The Systems Immunology of Immune Set Points
Aleksandra Walczak, École Normale Supérieure, France
The Information Content of Immune Repertoires

Short Talks Chosen from Abstracts

Sensing of Microbial Friends and Enemies (Z1)
Gregory M. Barton, University of California, Berkeley, USA
Nucleic Acid Sensing Toll-Like Receptors
Ramnik Xavier, Massachusetts General Hospital, USA
Sensing of Microbiome Derived Lipids and Metabolites
Andrea Ablasser, École Polytechnique Fédérale de Lausanne, Switzerland
Molecular Rules of DNA Sensing

Workshop 1: Artificial Immune Systems: Organoids and Model Systems for Systems and Engineering Immunology – Advances and Challenges (Z2)

Workshop 1 (Z1)

Short Talks Chosen from Abstracts

Workshop 2: Industry Perspectives on Systems and Engineering Immunology – Advances and Challenges (Z2)

Short Talks Chosen from Abstracts

Programming and Engineering Immune Cells: Understand to Build and Build to Understand (Z2)
Alex Marson, Gladstone Institutes, University of California, San Francisco, USA
Genomics Programming of Human T Cells

Speaker to be Announced

THURSDAY, APRIL 11
Immunoreceptors: Specificities, Interactions, and Engineering (Z2)
Frederick A. Matsen IV, Fred Hutchinson Cancer Research Center, USA
Antibody Phylogenetics and Evolutionary Dynamics
Armita Nourmohammad, University of Washington, USA
Leaning the Shape of the Immune and Protein Universe
Speaker to be Announced

Short Talks Chosen from Abstracts

Innate Immunity in 3D (Z1)
Xu Zhou, Boston Children's Hospital, USA
Myeloid-Stromal Crosstalk
Miguel Soares, Instituto Gulbenkian de Ciência, Portugal
Tissue Tolerance to Infection
Andrés Hidalgo, Yale School of Medicine, USA
Neutrophil Dynamic Behavior

Short Talks Chosen from Abstracts

Career Roundtable (Joint)

Immunoeengineering and Drug Development (Z2)
Aaron M. Ring, Fred Hutchinson Cancer Center, USA
Immune Molecular Engineering
Christoph Bock, CeMM and Medical University of Vienna, Austria
Immune Cell Engineering and “Structural Immunity”
Speaker to be Announced

Short Talks Chosen from Abstracts

Innate Immune Protectors and Drivers of Disease (Z1)
Virginia Pascual, Cornell University, USA
Talk Title to be Announced

* Session Chair † Invited but not yet accepted  Program current as of October 8, 2023. Meal formats are based on meeting venue.
For the most up-to-date details, visit https://www.keystonesymposia.org.
Short Talks Chosen from Abstracts

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

SATURDAY, APRIL 13
Departure

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