**SUNDAY, APRIL 16**

Arrival and Registration

**MONDAY, APRIL 17**

Welcome and Keynote Address (D2)
Vishva M. Dixit, Genentech, Inc., USA
*Why so Many Ways to Die?*

Keynote Address (D1)
Aviv Regev, Genentech, USA

Evolutionary Origin of Innate Immunity (D2)
Rotem Sorek, Weizmann Institute of Science, Israel
*Innate Immunity in Bacteria*

Emily Troemel, University of California, San Diego, USA
*Innate Immunity in C. Elegans*

Sara R. Cherry, University of Pennsylvania, USA
*Innate Immunity in Drosophila*

Short Talks Chosen from Abstracts

Profiling Human Myeloid Cells and Targeting them in Disease (D1)

Muzlifah A. Haniffa, Wellcome Sanger Institute, UK
*Decoding Human Prenatal Myeloid Cell Development and Function*

Gwendalyn J. Randolph, Washington University, USA
*Human Peritoneal Macrophages in Health and Disease*

Boris Reizis, New York University Langone Medical Center, USA
*Human Dendritic Cell Development During Adult Hematopoiesis*

Short Talks Chosen from Abstracts

Workshop: Late-Breaking Research (D2)

Short Talks Chosen from Abstracts

Workshop 1: Single Cell Multiomics Analysis of Myeloid Cells (D1)

Short Talks Chosen from Abstracts

Innate Sensing I (D2)

Hao Wu, Harvard Medical School, Boston Children's Hospital, USA
*Inflammomasomes*

Veit Hornung, Ludwig-Maximilians-University Munich, Germany
*Inflammomasomes*

Linman Zhang, Oregon Health & Science University, USA
*Inflammomasomes*

Cornelius Y. Taabazuing, University of Pennsylvania Perelman School of Medicine, USA
*Inflammatory Caspases and Inflammomasomes*

**TUESDAY, APRIL 18**

Innate Immunity and Disease (D2)

Katrin D. Mayer-Barber, NIAID, National Institutes of Health, USA
*The Role of Eosinophils in Tuberculosis*

Michael Crackower, Ventus Therapeutics, USA
*Structure and Computation-Based Drug Discovery in Innate Immunity*

Edward A. Miao, Duke University, USA
*Caspase-7 Activates ASM to Repair Gasdermin and Perforin Pores*

Short Talks Chosen from Abstracts

Lineage Commitment, Identity, and Maintenance (D1)

Roxane Tussiwan, NIDCR, National Institutes of Health, USA
*Reprogramming the Myeloid-Lymphoid Split*

Kenneth M. Murphy, HHMI/Washington University School of Medicine, USA
*Transcriptional Regulation of Dendritic Cell Development*

Charlotte L. Scott, University of Ghent & VIB, Belgium
*Tissue Macrophage Origin and Heterogeneity*

Christopher K. Glass, University of California, San Diego, USA
*Epigenetic Regulation of Macrophage Identity*

Short Talks Chosen from Abstracts

Innate Immunity and Infection (D2)

Russell E. Vance, University of California, Berkeley, USA
*Innate Immunity and the Pathogenesis of Tuberculosis*

Megan H. Orzalli, University of Massachusetts Medical School, USA
*Innate Immunity in Viral Infections*

Feng Shao, National Institute of Biological Sciences, China
*Pyroptosis and Infection*

Short Talks Chosen from Abstracts

* Session Chair † Invited but not yet accepted

Program current as of November 17, 2022. Meal formats are based on meeting venue.

For the most up-to-date details, visit https://www.keystonesymposia.org.
**Myeloid Cells in Integrated Tissue Immunity and Trained Immunity (D1)**

- **Massimiliano Mazzone**, KU Leuven – VIB, Belgium
  *Immunometabolic Regulation of Macrophage Functions*

- **Triantafyllos Chavakis**, Technische Universität Dresden, Germany
  *Innate Immune Training affecting Myeloid Devt and Function*

- **Yasmine Belkaid**, NIAID, National Institutes of Health, USA
  *Microbiome / Myeloid Cell Interactions in Shaping Immunity*

**Short Talks Chosen from Abstracts**

**Poster Session 2**

**WEDNESDAY, APRIL 19**

**Innate Leukocytes (D2)**

- **Eric Vivier**, Aix Marseille University and Innate Pharma, France
  *Leveraging Innate Lymphocytes for Anti-Tumor Therapy*

- **Lydia Lynch**, Harvard Medical School, USA
  *Obesity and Diet on iNKT Cells, NK Cells and T Cells*

- **Marco Colonna**, Washington University School of Medicine, USA
  *Innate Lymphoid Cells (ILCs) in Mucosal Immunity*

**Short Talks Chosen from Abstracts**

**Myeloid Cell Dynamics in Health and Disease (D1)**

- **Milka Sarris**, University of Cambridge, UK
  *Myeloid Cell Dynamics in Zebrafish Wounds*

- **Carole A. Parent**, University of Michigan, USA
  *Cell Migration in Inflammation and Metastasis*

- **Minsoo Kim**, University of Rochester, USA
  *Dynamic Interaction of Myeloid Cells during the Initiation and Resolution of Infection*

- **De’ Broski R. Herbert**, University of Pennsylvania, USA
  *Myeloid Cell-Derived IL-33*

**Short Talks Chosen from Abstracts**

**Workshop 2 (D1)**

**Short Talks Chosen from Abstracts**

**Innate Sensing II (D2)**

- **Andrea Ablasser**, Ecole Polytechnique Fédérale de Lausanne, Switzerland
  *cGAS-STING Pathway*

- **Gregory M. Barton**, University of California, Berkeley, USA
  *Toll-Like Receptors*

- **Judy Lieberman**, Harvard University, USA
  *Pyroptosis in Infection and Cancer*

- **Zhijian James Chen**, University of Texas Southwestern Medical Center, USA
  *cGAS-STING in Biology*

**Short Talks Chosen from Abstracts**

**Meeting Wrap-Up: Outcomes and Future Directions (Organizers) (D2)**

**Meeting Wrap-Up: Outcomes and Future Directions (Organizers) (D1)**

**THURSDAY, APRIL 20**

**Departure**
Myeloid Cells in Cancer and Metastasis (D1)