**SUNDAY, MARCH 6**
Arrival and Registration

**MONDAY, MARCH 7**

**Welcome and Keynote Address (X4)**
Vishva M. Dixit, Genentech, Inc., USA
*Mechanisms of Lytic Cell Death*

**Welcome and Keynote Address (X3)**
Max D. Cooper, Emory University, USA
*The Evolution of Immune Responses*

**Functional Specialization (X4)**
Martin Guilliams, Ghent University - VIB, Belgium
*Myeloid Specialization and Tissue Homeostasis*

Carla V. Rothlin, Yale University, USA
*Myeloid Cells in Neurodegeneration and Cognitive Decline*

Claudia Jakubzick, Dartmouth College, USA
*Myeloid B Cell Cross-Talk*

**Short Talks Chosen from Abstracts**

**Innate Immune Memory: Evolutionary Aspects (X3)**

Carolina V. Barillas-Mury, NIAID, National Institutes of Health, USA
*Hematocytes and Immune Memory in Mosquitoes*

Uwe Conrath, RWTH Aachen University, Germany
*Innate Immune Memory in Plants*

**Short Talk(s) Chosen from Abstracts**

**Workshop 1: Young Investigators Session (X3)**

**Short Talks Chosen from Abstracts**

**Myeloid Cells in Cancer (X4)**

Maria Casanova-Acebes, Spanish National Cancer Research Centre, Spain
*Tissue-Resident Macrophages Provide a Pro-Tumorigenic Niche to Early NSCLC*

Caetano Reis e Sousa, Francis Crick Institute, UK
*Actin Recognition in Cancer*

Catherine Hedrick, La Jolla Institute for Immunology, USA
*Monocytes in Cancer*

**Short Talks Chosen from Abstracts**

**Trained Immunity in Vertebrates (X3)**

Mihai G. Netea, Radboud University, Netherlands
*Metabolic Aspects in Trained Immunity*

Mélanie Hamon, Institut Pasteur, France
*Innate Immune Memory in NK-cells and Lymphocytes*

Elaine V. Fuchs, Rockefeller University, USA
*Inflammatory Memory in the Skin*

Stephanie Fanucchi, University of Cape Town, South Africa
*Epigenetic Regulation of Trained Immunity*

**Short Talk(s) Chosen from Abstracts**

**Poster Session 1**

**TUESDAY, MARCH 8**

**Regulation of Inflammation (X4)**

Kate Schroder, University of Queensland, Australia
*Inflammasome Regulation in Neutrophils*

Yasmine Belkaid, NIAID, National Institutes of Health, USA
*Microbiota and the Immune System*

Bart N. Lambrecht, VIB, Ghent University, Belgium
*Myeloid Cells in Asthma*

Steffen Jung, Weizmann Institute of Science, Israel
*Macrophages and Inflammation*

**Short Talks Chosen from Abstracts**

**Innate Immune Memory: Mechanistic Aspects (X3)**

Triantafyllos Chavakis, Technische Universität Dresden, Germany
*Innate Immune Memory and Hematopoiesis*

Filip K. Swirski, Massachusetts General Hospital, USA
*Bone Marrow Reprogramming in Human Disease*

Maziar Divangahi, McGill University, Canada
*TB and Bone Marrow Myelopoiesis*

**Short Talk(s) Chosen from Abstracts**

**Workshop 2: Young Investigators Session (X3)**

**Short Talks Chosen from Abstracts**

**The Neuro-Immune Axis (X4)**

Benjamin Segal, Ohio State University, USA
*Immature Hematopoietic Myeloid Cells in Central Nervous System Repair*

Asya Rolls, Technion-Israel Institute of Technology, Israel
*The Interplay between Myeloid Cells and Neurons*

Alison Clare Lloyd, University College London, UK
*Control of Glia and Nerve Regeneration*

**Short Talks Chosen from Abstracts**

**Innate Immune Memory in Human Disease (X3)**

Shruti Naik, New York University Langone Health, USA
*Trained Immunity and Atherosclerosis*

Niels Peter Riksen, Radboud University Medical Center, Netherlands
*Trained Immunity and Transplantation*

Kathryn J. Moore, New York University Medical Center, USA
*Myeloid Cell Reprogramming in Humans*
Short Talk(s) Chosen from Abstracts

Thursday, March 10

Departure

Wednesday, March 9

Myeloid Responses to Infection and Disease (X4)

Paul Kubes, University of Calgary, Canada
Spatiotemporal Control of Antimicrobial Responses

Andrés Hidalgo, Fundación Centro Nacional de Investigaciones Cardiovasculares Carlos III, Spain
Circadian Regulation, Neutrophil Specialization and Mitochondrial Homeostasis

Venizelos Papayannopoulos, Francis Crick Institute, UK
The Dark Side of Histones

David Sancho, CNIC-Fundación Centro Nacional de Investigaciones Cardiovasculares, Spain
Mitochondrial Regulation of Macrophage Function

Short Talks Chosen from Abstracts

Trained Immunity in Vaccination (X3)

Christine Stabell Benn, University of Southern Denmark, Denmark
Non-Specific Effects of Vaccines

Nigel Curtis, University of Melbourne, Australia
Trained Immunity and COVID-19

Shabaana A. Khader, Washington University School of Medicine, USA
MMR Vaccination in COVID-19

Short Talk(s) Chosen from Abstracts

Sensing Self, Pathogens and Danger (X4)

Zhijian "James" Chen, University of Texas Southwestern Medical Center, USA
Revving up an Immune Response with cGAS

Andrea Ablasser, Ecole Polytechnique Fédérale de Lausanne, Switzerland
Control of Intracellular DNA Sensing

Petr Broz, University of Lausanne, Switzerland
Microbial Recognition and Cell Death

Short Talks Chosen from Abstracts

Trained Immunity in Disease Treatment (X3)

Evangelos J. Giamarellos-Bourboulis, University of Athens, Greece
Trained Immunity and Severe Infections

Nandita Bose, HiberCell, USA
Beta-Glucan in Cancer Treatment

Willem Mulder, Radboud UMC, Netherlands
Taking Control of Innate Immunity to Treat Disease

* 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.
Closing Keynote Address (X3)

Michael K. Skinner, Washington State University, USA
Cross-Generational Traits and the Immune System

Meeting Wrap-Up: Outcomes and Future Directions (Organizers) (X4)

Meeting Wrap-Up: Outcomes and Future Directions (Organizers) (X3)