MONDAY, MAY 31
Arrival and Registration

TUESDAY, JUNE 1
Welcome and Keynote Address
Polly Matzinger, NIAID, National Institutes of Health, USA
The Evolution of the Danger Model in Immunology

DAMPs and Inflammation
Douglas R. Green, St. Jude Children's Research Hospital, USA
Regulated Necroptosis in Inflammation
Liliana Schaefer, Goethe University, Germany
DAMPs Derived from the Extracellular Matrix Provide Control of Innate Immunity
Seung-Yong Seong, Seoul National University, South Korea
GPCR19, a Gate Keeper for Inflammasomal Activation by DAMPs

Short Talk(s) Chosen from Abstracts
DAMPs and Inflammasome
Kate Schroder, University of Queensland, Australia
Microbe Sensing by Inflammasome
Eicke Latz, University of Bonn, Germany
Inflammasome Activation Mechanisms
Ben Lv†, Central South University, China
Novel Role of PKR in Inflammasomal Activation by DAMPs

Short Talk(s) Chosen from Abstracts
Poster Session 1

WEDNESDAY, JUNE 2
DNA Sensing through cGAS and AIM2
Zhijian "James" Chen, University of Texas Southwestern Medical Center, USA
Cytosolic DNA Sensing through cGAS
Andrea Ablasser, Ecole Polytechnique Fédérale de Lausanne, Switzerland
Regulation of the cGAS-STING Pathway
Caetano Reis e Sousa, Francis Crick Institute, UK
Cytoskeletal Exposure as a Sign of Cell Damage
Kate A. Fitzgerald, University of Massachusetts Medical School, USA
DNA Sensing through AIM2

Short Talk(s) Chosen from Abstracts
Poster Session 2

RNA Sensing through RIG-I
Takashi Fujita, Institute for Frontier Life and Medical Sciences, Kyoto University, Japan
RNA Sensing by RIG-I Like Receptors
Sun Hur, Harvard Medical School, USA
Molecular Mechanisms of RLRs
Jae U. Jung, Keck School of Medicine of University of Southern California, USA
Talk Title to be Announced
Short Talk(s) Chosen from Abstracts

THURSDAY, JUNE 3
DNA and RNA Sensing through TLRs
Julie Magarian Blander, Weill Cornell Medicine, Cornell University, USA
Sensing Microbial Viability
Jonathan C. Kagan, Boston Children's Hospital, USA
Cell Biology of TLRs
Hao Wu, Harvard Medical School, Boston Children's Hospital, USA
Structural Studies of TLR and Inflammasome Signaling
Speaker to be Announced
Short Talk(s) Chosen from Abstracts
DAMPs in Clinics
Walter G. Land, University of Strasbourg, France
DAMPs in Transplantation
Speaker to be Announced
Speaker to be Announced
Short Talk(s) Chosen from Abstracts

Poster Session 3
FRIDAY, JUNE 4
DAMPs Across the Tree of Life I
Speaker to be Announced
Speaker to be Announced
Ulrich Theopold†, Stockholm University, Sweden
Role of DAMPs in Invertebrates
Mrunal Samanta†, ICAR-Central Institute of Freshwater Aquaculture, India
DAMPs in Fish
Short Talk(s) Chosen from Abstracts

DAMPs Across the Tree of Life II
Giulia De Lorenzo, University of Rome, Sapienza, Italy
Plant Cell Wall-Derived DAMPs in Immunity, Development and Tissue Repair
Massimo Maffei†, University of Turin, Italy
Signal Transduction in Plant in Response to DAMPs
Sara R. Cherry, University of Pennsylvania, USA
Virus Induced Inflammatory Response
Short Talk Chosen from Abstracts

Meeting Wrap-Up: Outcomes and Future Directions (Organizers)
SATURDAY, JUNE 5
Departure

* Session Chair † Invited but not yet accepted
Program current as of March 29, 2020. Program subject to change. Meal formats are based on meeting venue. For the most up-to-date details, visit https://www.keystonesymposia.org.