MONDAY, FEBRUARY 15
Arrival and Registration

TUESDAY, FEBRUARY 16
Welcome and Keynote Address (Q5)
Georg Stingl, University of Vienna, Austria
Immune-Mediated Skin Diseases: At the Crossroad of Innate and Adaptive Tissue Responses

Welcome and Keynote Address (Q6)
Manu Prakash, Stanford University, USA
Mosquitoes meet Microfluidics: High throughput Low Cost Tools for Molecular Surveillance of Vectors and Pathogens

Immune Microbiome Crosstalk at the Skin (Q5)
Julie A. Segre, National Institutes of Health, USA
The Human Skin Viral, Fungal and Microbiome
Richard L. Gallo, University of California, San Diego, USA
Microbial Control of Skin Innate Immunity
Keisuke Chris Nagao, National Institutes of Health, USA
Immune Control of Skin Microbiome

Short Talks Chosen from Abstracts

Workshop 1: Skin Antibiotics and the Immune System (Q5)
*Richard L. Gallo, University of California, San Diego, USA
Short Talks Chosen from Abstracts

Workshop 1: Immunobiology and Metabolism (Q6)
Short Talks Chosen from Abstracts

Diversity of Skin Resident Memory T Cells (Q5)
Liv Eidsmo, Karolinska Institutet, Sweden
The Balance of Resident Effector and Memory Skin T Cells in Human Skin
Michael D. Rosenblum, University of California, San Francisco, USA
Skin Resident Memory T Regulatory Cells Control Immunity and Remodelling

Tuesday, February 16

Wednesday, February 17

Vector-Borne Pathogens at the Skin Interface (Joint)
Guy Caljon, University of Antwerp, Belgium
Early Responses against Tsetse Transmitted Trypanosomes at the Skin Interface
Rogerio Amino, Institut Pasteur, France
The Life and Death of Malaria Parasites in the Host Skin
Sukanya Narasimhan, Yale School of Medicine, USA
Lyme Disease: Borrelia at the Skin Interface
Jesus G. Valenzuela, NIAID, National Institutes of Health, USA
Skin Responses to Vector Derived Factors

Short Talks Chosen from Abstracts

Workshop 2: MRG Receptors and Skin Immunity (Q5)
*Xinzhong Dong, Johns Hopkins University, USA
Short Talks Chosen from Abstracts

Workshop 2: Microbiome and Symbionts (Q6)
Short Talks Chosen from Abstracts

Cutaneous Dendritic Cells and Mononuclear Phagocytes (Q5)
Muzlifah A. Haniffa, Newcastle University, UK
Human Mononuclear Phagocytes and Dendritic Cells in Human Health and Disease
Sandrine Henri, Centre d'Immunologie de Marseille-Luminy, France
Dissecting the Function of Dendritic Cells and Macrophages in the Skin
Nirosaha Anandasabapathy, Weil Cornell Medicine, USA
Peripheral Skin Tolerance and DC:T Crosstalk

* Session Chair † Invited but not yet accepted Program current as of May 2, 2020. Program subject to change. Meal formats are based on meeting venue. For the most up-to-date details, visit https://www.keystonesymposia.org.
Short Talks Chosen from Abstracts

Immunobiology and Metabolism (Q6)
Elena A. Levashina, Max Planck Institute for Infection Biology, Germany
Mosquito Immunity
Maria-Carla Saleh, Institut Pasteur, France
Antiviral Immunity in Insects
João Pedra, University of Maryland School of Medicine, USA
Tick Immunobiology

Short Talks Chosen from Abstracts

Poster Session 2

THURSDAY, FEBRUARY 18

Skin-Vector Borne Diseases: Novel Approaches to Diagnosis, Vaccines and Therapeutics (Joint)
Yasmine Belkaid, NIAID, National Institutes of Health, USA
The Influence of Skin Microbiota at the Cutaneous Immunity
Nathalie Boulanger, Institut de Bacteriologie, France
Proteomics to Identify Pathogen Candidates for Vaccines and Diagnosis at the Skin Interface
Michael D. Howell, Incyte Corporation, USA
Novel Therapeutics Approaches for Allergic Skin Disease
Anne C. Moore, University College Cork, Ireland
Microarray Patches to Vaccinate at the Skin Interface

Short Talks Chosen from Abstracts

Dermal Mechanism of Host Defense: Mast Cells (Q5)
Stephen J. Galli, Stanford University, USA
Mast Cell Biology at the Skin Interface: Combating Venoms and Bacteria
Xinzhong Dong, Johns Hopkins University, USA
MRG Receptors as Activators of Mast Cells
Anna Di Nardo, University of California, San Diego, USA
Dermal Mast Cell and Skin Microbiome

Short Talks Chosen from Abstracts

Epidemiology, Ecology and Genetics (Q6)
Louis Lambrechts, Institut Pasteur, France
Mosquito-Arbovirus Interactions
Pamela Pennington, Universidad del Valle de Guatemala, Guatemala
Kissing Bugs and Chagas Disease
Viveka Vadyvaloo, Washington State University, USA
Flea Yersinia Interactions

Short Talks Chosen from Abstracts

Neuroimmune Crosstalk in the Skin (Q5)

Isaac Chiu, Harvard Medical School, USA
Recognition of Pathogens by Cutaneous Nociceptors
Daniel H. Kaplan, University of Pittsburgh, USA
Immune Function of Cutaneous Sensory Neurons
Brian Kim, Washington University School of Medicine, USA
The Benefits and Hazards of Itch

Short Talks Chosen from Abstracts

Behavior, Physiology and Reproduction (Q6)
Flaminia Catteruccia, Harvard T.H. Chan School of Public Health, USA
Mosquito Reproduction and Behavior
Geoffrey Michael Attardo, University of California, Davis, USA
Tsetse Reproduction and Metabolism
Kevin R. Macaluso, University of South Alabama, USA
Rickettsial Influence on Vector Physiology

Short Talks Chosen from Abstracts

Meeting Wrap-Up: Outcomes and Future Directions (Organizers) (Q5)

Meeting Wrap-Up: Outcomes and Future Directions (Organizers) (Q6)

FRIDAY, FEBRUARY 19

Departure