MONDAY, MARCH 22
Arrival and Registration

TUESDAY, MARCH 23

Welcome and Keynote Address (X7)
Yasmine Belkaid, NIAID, National Institutes of Health, USA
Commensal Specific T Cell in Tissue Repair Responses

Welcome and Keynote Address (X8)
Sarah Spiegel, Virginia Commonwealth University, USA
Sphingosine-1-Phosphate: From Bench to Clinic

Rethinking Myeloid Cells in Resolution, Repair and Regeneration I (X7)
Kodi S. Ravichandran, University of Virginia, USA
Can We Chat and Resolve This? Metabolite-Based Communication between Myeloid Cells and Others
Elina I. Zuniga, University of California, San Diego, USA
Dendritic Cell Adaptations to Persistent Pathogen Exposure
Florent Ginhoux, Singapore Immunology Network, Singapore
Macrophage Heterogeneity in Tissue Repair
Short Talks Chosen from Abstracts

Lipid Regulation of Metabolic Disorders I (X8)
Jean E. Schaffer, Harvard University, USA
Lipids and Metabolic Stress
Scott A. Summers, University of Utah, USA
Ceramides and Metabolic Stress
Julian L. Griffin, University of Cambridge, UK
Lipids and Cardiovascular and Steatotic Risk
Short Talks Chosen from Abstracts

Rethinking Myeloid Cells in Resolution, Repair and Regeneration II (X7)
Ashley W. Seifert, University of Kentucky, USA
Macrophage Heterogeneity during Musculoskeletal Regeneration in Spiny Mice
Will Wood, University of Edinburgh, UK
Understanding Inflammatory Cell Migration in Drosophila
Benedicte Chazaud, Université Claude Bernard Lyon, France
Efferocytosis and the Resolution of Inflammation during Muscle Regeneration
Short Talks Chosen from Abstracts

Lipid Regulation of Metabolic Disorders II (X8)
Christine Des Rosiers, Montreal Heart Institute (MHI), Canada
Talk Title to be Announced
Speaker to be announced

Huiyong Yin, Shanghai Institute of Nutrition and Health, China
Oxidized Lipids Regulating Atherosclerosis and Metabolism
Maria Fedorova, University of Leipzig, Germany
Epilipidomics Signature of Metabolic Diseases
Short Talks Chosen from Abstracts

WEDNESDAY, MARCH 24

‘Forget Me Not’: Importance of Stromal Cells from Inflammation to Resolution (X7)
Christopher D. Buckley, University of Birmingham, UK
Fibroblast Heterogeneity in Inflammation and Tissue Damage
Valerie Horsley, Yale University, USA
Myofibroblast Proliferation and Heterogeneity in Skin Repair
Carla V. Rothlin, Yale University, USA
Integration of Cell Death Sensing in Tissue Repair Responses
Ophir Klein, University of California, San Francisco, USA
Regenerative Strategies of the Intestinal Epithelium
Short Talks Chosen from Abstracts

Lipids in Cancer I (X8)
Michael J.O. Wakelam, Babraham Institute, UK
Cancer Lipidomics and Lipid Unsaturation
John E. Burke, University of Victoria, Canada
Lipid Protein Interaction in Cancer
Julie D. Saba, University of California, San Francisco, USA
Sphingosine Phosphate Lyase Insufficiency Syndrome: Features and Treatment of an Atypical Sphingolipidosis
Short Talks Chosen from Abstracts

Workshop: Lipidomics and Lipidmaps (X8)
Short Talks Chosen from Abstracts

Interface of Inflammation, Resolution and Disease (X7)
Nicola L. Harris, Monash University, Australia
Emerging Concepts on Type 2 Immunity in Homeostasis, Helminth Infections and Tissue Repair
Ira Tabas, Columbia University, USA
Efferocytosis in Inflammation Resolution
Bruce D. Levy, Brigham and Women's Hospital, USA
Leukocyte SPM Pathways in Human Sepsis
Short Talks Chosen from Abstracts

Lipids in Cancer II (X8)
Phillip T. Hawkins, Babraham Institute, UK
P13 kinase/PTEN Prostate Cancer, Lipid Structure
**THURSDAY, MARCH 25**

**Neuroimmune Interactions in Resolution of Inflammation (X7)**
- Daniel Mucida, Rockefeller University, USA
  - Neuro-Immune Interactions in the Gut
- Diana Bautista, University of California, Berkeley, USA
  - Neuroimmune Interactions in Chronic Itch
- Jonathan Kipnis, University of Virginia, USA
  - Advantageous Brain Drain: Lymphatics of the Brain and its Communication with the Immune System
- Phillip Popovich, Ohio State University, USA
  - Resolution of Inflammation in Spinal Cord Injury

**Lipids in Inflammation and Infection (X8)**
- Valerie B. O'Donnell, Cardiff University, UK
  - Oxidized Lipids and Platelet Function
- Gregory D. Fain, University of Toronto, Canada
  - Lipid Signals in Response to Bacterial Infection
- Bruce D. Levy, Brigham and Women's Hospital, USA
  - Polysaccharidyl Phosphate Remodeling Regulates Dendritic Cell Antigen Uptake and Lung Inflammation
- Robert V. Stahelin, Purdue University, USA
  - Lipids and Flaviviruses
- Nihal Altan-Bonnet, NHLBI, National Institutes of Health, USA
  - Extracellular Vesicle Membranes: Vehicles of en masse Transport and Immune Suppression

**Emerging Concepts in Inflammation and Resolution (X7)**
- Judith Campisi, Buck Institute for Research on Aging, USA
  - Cellular Senescence in Tissue Repair and Regeneration
- Gabrielle Fredman, Albany Medical Center, USA
  - New Mechanisms for Specialized Pro-Resolving Mediators in Atherosclerosis and Aging

**Lipids Neurodegeneration I (X8)**
- Gilbert Di Paolo, Denali Therapeutics Inc., USA
  - Lipids and Neuronal Disorders
- Vytas A. Bankaitis, Texas A&M University, USA
  - Inositol lipid Signaling and Development of the Mammalian Brain
- Tony Futerman, Weizmann Institute of Science, Israel
  - Sphingolipids and Gaucher Disease

**Translating Inflammation and Resolution to Therapies (X7)**
- Thomas A. Wynn, Pfizer, USA
  - Targeting Type 1 and Type 2 Fibrosis towards Tissue Regeneration
- Bart N. Lambrecht, VIB, Ghent University, Belgium
  - It is Crystal Clear: Antibody-Based Resolution of Pathogenic Crystals in the Asthmatic Lung
- Charles N. Serhan, Brigham and Women's Hospital, USA
  - The Resolution of Inflammation: Origins and New Directions

**Meeting Wrap-Up: Outcomes and Future Directions (Organizers) (X7)**

**FRIDAY, MARCH 26**

**Departure**