

FRIDAY, MAY 12

2:30 PM – 4:30 PM
 Cell Subset and Pathway Dysregulation in Human Disease I
 Immune Regulation at Mucosal Surfaces
 Molecular Cascades and Host Immunity
 NK and CD8 T Cell Activity during Virus Infection
 Novel Strategies for Cancer Vaccines
 Technological Innovations I
 Triggers and Tolerance in Autoimmunity

SATURDAY, MAY 13

8:00 AM – 10:00 AM
 CD8 T Cell Responses during Acute and Chronic Virus Infections
 Cytokines Shape Host Immune Responses to Infection
 Inflammation and Infection at Mucosal Surfaces
 Leukocyte Adhesion and Migration
 Lymphocyte Development and Homeostasis
 Regulatory Mechanisms in Aging and Tumor Responses

10:15 AM – 12:15 PM
 Inflammation and Microbiota in Tumors
 Mast Cells and Basophils
 Novel Approaches for Enhancing Immunity against Viral
 and Bacterial Infection
 Regulation of Humoral Responses

12:30 PM – 2:30 PM
 Antibody-based Cancer Therapeutics
 Cytokines/Chemokines and the Innate Immune Response to Viruses
 Innate Immune Sensing and Signaling
 Regional Immunity and Mucosal Inflammation
 Technological Innovations II

3:45 PM – 5:45 PM
 B Cells, Antibodies, and the Adaptive Immune Response to Viruses
 IFN and Chemokine Signals in Tumors
 Lymphocyte Activation and Differentiation
 MHC I, MHC II, CD1: Antigen Processing and Presentation
 Regulation of Cell-mediated Host Defense

SUNDAY, MAY 14

8:00 AM – 10:00 AM
 Innate Immune Cells
 Innate Immunity and B Cells in the Tumor
 Metabolism, Microbiomes, and Host Immunity
 Molecular Pathways in Autoimmunity
 Pathogen Control and Evasion Strategies
 Regulation of Innate Inflammatory Responses

10:15 AM – 12:15 PM
 CD8 T Cells in Tumor Immunology
 Novel Approaches to Autoimmunity of the Nervous System
 Signaling and Gene Regulation in the Immune System

10:45 AM – 12:15 PM
 Regulatory Mechanisms of Innate Immune Responses

12:30 PM – 2:30 PM
 Immune Responses in Tumor Immunotherapy
 Innate Effectors of Autoimmunity
 Mucosal Immune Regulation by Microbiota and Diet
 Novel Factors in the Regulation of T Helper Cell Differentiation
 Regulation of Inflammatory Responses

3:45 PM – 5:45 PM
 Biology of B Cells
 Cell Subset and Pathway Dysregulation in Human Disease II
 Immunosuppressive Networks and Tumor Immunity
 Metabolism and Immune Signatures in Tumor Immunity
 New Treatment Strategies in SLE
 T Cell Development

MONDAY, MAY 15

8:00 AM – 10:00 AM
 Antigen Receptor Signaling
 Checkpoints and Tumor Immune Regulation
 Co-infection and Host-Pathogen Heterogeneity
 Genetics of Human Immune-mediated Diseases
 Graft-versus-Host Disease and Hematopoietic Stem Cell
 Transplantation
 IL-17 Cytokine Family Regulation and Function
 Mechanisms of Innate Immunity
 T Cells and Autoimmunity

10:15 AM – 12:15 PM
 Asthma and Airway Immunity
 Cellular and Molecular Regulation of Immune Responses Induced by
 Vaccine/Immunotherapy

12:30 PM – 2:30 PM
 B Cells and Autoimmunity
 Impacting Innate Immune Signaling and Cell Function
 Innate Immunity to Microbes I
 Regulatory, Inflammatory, and Helper T Cell Activities during a Virus
 Infection
 Tolerance and Rejection in Transplantation

3:45 PM – 5:45 PM
 B and Innate Cell Development
 Cytokine Regulation and Autoimmunity
 Inflammasomes
 Regulation of Immunity at the Lung Mucosa
 T Cell Subsets in Cancer Immunotherapy
 Veterinary and Comparative Immunology

TUESDAY, MAY 16

8:00 AM – 10:00 AM
 Anti-pathogen Immunity
 Host-Microbial Interactions in Human Disease
 Immune Response to Respiratory Viruses
 Immune Therapies for Inflammatory Conditions
 Immune-Tissue Interactions
 Regulation of Autoimmune Responses
 Regulation of CD4 T Cell Differentiation

10:15 AM – 12:15 PM
 Allergic Mechanisms
 Cell Therapy for Cancer
 Cellular Immune Responses at the Mucosa
 Inflammation and Disease
 Innate Immunity to Microbes II
 Lymphocyte Response, Regulation, and Memory
 Vaccines and Immunotherapy for HIV and Other Viral Infections