

FRIDAY, MAY 8

2:30 PM – 4:30 PM

B Cells and Autoantibodies
 Cancer Immunotherapy and Mechanisms
 Cytotoxic Cells in Pathogen Immunity
 Mast Cells and IgE
 Microbial, Parasitic, and Fungal Immunology I
 Molecular Regulation of Cytokine/Chemokine and Receptor Function

SATURDAY, MAY 9

8:00 AM – 10:00 AM

Activation Mechanisms in Adaptive and Innate Immunity
 Antigen Processing and Presentation: Cellular Aspects
 B Cell and Antibody Responses Induced by Vaccines
 Turning on the T Cell

10:15 AM – 12:15 PM

Conceptual Therapeutics in Autoimmunity
 Cytokine- and Chemokine-mediated Immunopathology
 Effector T Cell Regulation
 Molecular Decisions Controlling B Cell Activation and Outcomes
 Novel Vaccines and Delivery Systems
 Peripheral Lymphocyte Development, Homeostasis, and Aging

12:30 PM – 2:30 PM

Innate Immune Regulation
 Signaling Pathways in Autoimmune Responses
 T Cell Regulation

3:45 PM – 5:45 PM

Lymphocyte Response Regulation and Memory Formation
 Novel Therapeutic Approaches in Systemic and Organ Specific Autoimmunity
 T Cell Development
 T Cell Tumor Trafficking and Effector Function
 Technological Innovations in Immunology

SUNDAY, MAY 10

8:00 AM – 10:00 AM

Allergic Mechanisms I
 Autoimmunity: Triggers and Regulation I
 Mechanisms in T Helper Subset Fate Determination
 Regulation at Mucosal Surfaces
 Respiratory Viruses and the Immune Response I

10:15 AM – 12:15 PM

Lymphocyte Activation and Differentiation
 Microbial, Parasitic, and Fungal Immunology II
 Tumorigenesis, Therapy, and Metastasis
 Virus Infection and CD8⁺ T Cells

12:30 PM – 2:30 PM

Autoimmune and Inflammatory Diseases
 Cellular Innate Immune Responses to Pathogens
 Checkpoints and Combinations in Cancer Therapy
 Immune Regulation at the Intestinal Mucosa
 Thymic Microenvironment

3:45 PM – 5:45 PM

Antigen Processing and Presentation: Molecular Aspects
 Innate Cells in Autoimmunity
 Leukocyte Migration: To Paths Less Traveled
 Regulatory Lymphocytes
 Signaling by Innate Receptors
 The Microbiota and Mucosal Immunity
 Therapeutics in CNS Autoimmunity

MONDAY, MAY 11

8:00 AM – 10:00 AM

Allergic Mechanisms II
 Novel Innate Immune Mechanisms
 Respiratory Viruses and the Immune Response II
 Veterinary and Comparative Immunology

10:15 AM – 12:15 PM

B Cell Development
 Epigenetics, Transcription, and Systems Biology of Immune Responses
 Tregs and Cancer Immune Regulation

12:30 PM – 2:30 PM

Cell Subsets, Cytokines and Inflammation
 Innate Sensing and Signaling in the Cytosol
 Natural Killers, T Cells, and the Immune Response to Viral Infection
 New Cancer Vaccines
 Regulation of Immunity at the Lung Mucosa
 T Cells and Cytokines in Autoimmunity

3:45 PM – 5:45 PM

Advances in Transplantation Immunology
 Inflammation: The Immune System in Action
 Skin and Regional Mucosal Immunology
 T Cell Activation, Expansion, and Exhaustion
 During Viral Infection

TUESDAY, MAY 12

8:00 AM – 10:00 AM

Hematopoiesis
 Innate Immune Responses to Pathogens
 Myeloid Cells and Tumor
 Regulation of CD4 T Cell Subset Differentiation
 T Cell-Mediated Immune Responses and Protection Following Vaccination

10:15 AM – 12:15 PM

Autoimmunity: Triggers and Regulation II
 CARs, TCRs, and Adoptive Transfer for Cancer
 Immunoregulatory Functions of Cytokines
 Inflammation at the Intestinal Mucosa
 Innate Immune Responses in Monocytes/Macrophages, Dendritic Cells, and Myeloid Cells
 Interplay of Viruses and the Innate Immune System