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
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