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

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

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
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

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

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

2:30 PM – 4:30 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

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

MONDAY, MAY 15

8:00 AM – 10:00 AM
Asthma and Airway Immunity
Cellular and Molecular Regulation of Immune Responses Induced by Vaccine/Immunotherapy

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
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