

Friday, May 4

2:00 PM - 4:00 PM

B and T Cell Responses to Microbes
Cytokines in Cancer, Autoimmunity, and Transplantation
Homeostasis and Aging of Lymphocytes
Inflammatory Responses and Disease
Technological Innovations in Immunology

Saturday, May 5

8:00 AM - 10:00 AM

Myeloid-derived Cells as APCs and as Regulators
Regulation of Asthmatic Inflammation
Regulators of T Cell Responses
Therapeutic Strategies for Rheumatologic Diseases

10:15 AM - 12:15 PM

Hematopoietic Stem Cells and Lineage Fate Decisions
Immunotherapy and Vaccines: Innate-Adaptive Crosstalk
Regulatory Therapies of Autoimmune Diseases
Th17 and IL-17 Family Cytokines

12:30 PM - 2:30 PM

Adaptive Responses in Viral Infections
Mechanisms of T, NK/T Lymphocyte Differentiation, and
Repertoire Selection
Monocytes and Macrophages
Neutrophils and Other Myeloid Cells
Tumor-Induced Immune Suppressive Mechanisms

3:30 PM - 5:30 PM

Immune Regulation at Mucosal Surfaces
Immune Responses to Antigens
Molecular Mechanisms Regulating Macrophage Activation
T Cell Development

Sunday, May 6

8:00 AM - 10:00 AM

Effector and Memory CD8 T Cells
Mechanisms of T Cell Tolerance
Molecular and Cellular Mechanisms of Antigen Presentation
in Health and Disease
Therapeutic Opportunities in Allergic Inflammation

Sunday, May 6

10:15 AM - 12:15 PM

Generation, Selection and Function of B Cells
Leukocyte Migration and Inflammation
Mechanisms for Transplant Tolerance and Rejection
Regulators of T Lymphocyte Activation

12:30 PM - 2:30 PM

Comparative and Veterinary Immunology
Immune System Regulation by Non-Lymphocyte Cell Types
Innate Immune Responses
Mediators of Allergic Inflammation

3:30 PM - 5:30 PM

B Cell Development
Cytokine Signaling and Mechanisms
Immunotherapy and Vaccines: Antitumor Immunity
Regulation
Innate Mediators of Autoimmune Disease
Regulation of Mast Cell Activation

Monday, May 7

8:00 AM - 10:00 AM

Genetics and Autoimmune Disease
Immunosurveillance and Immunoediting during Cancer
Progression
Innate Immune Signaling and Immune Regulation in Viral
Infections
Mechanisms of Effector and Regulatory CD4 T Cells
Generation and Death

10:15 AM - 12:15 PM

Leukocyte Activation and Effector Function in Innate
Immunity
Lymphocyte Trafficking
Regulation of B Cell Responses and B Cells as Regulators
T cells Subsets and Metabolism in Autoimmunity
Toll-like Receptor Signaling

12:30 PM - 2:30 PM

B Lymphocyte Signaling and Transcription
Inflammatory Chemokines and Cytokines
Innate Immunity to Microbes
Tumor Immunology
Vaccines and Immunotherapy: Infectious Diseases 1

3:30 PM - 5:30 PM

Dendritic Cells and Innate Lymphocytes
Immune Responses to Mucosal Pathogens
Immunotherapy and Vaccines: Basic Studies
Novel Interventions for Autoimmune Disease

Tuesday, May 8

8:00 AM - 10:00 AM

B Cell Tolerance and Autoimmunity
Innate Immune Cells in Viral Infections
MHC I and MHC II Machinery for Antigen Processing and
Presentation
Regulatory T Cells

10:15 AM - 12:15 PM

Immunoregulation of Antimicrobial Immunity
PD1 and other Inhibitor Receptors
Vaccines and Immunotherapy: Infectious Diseases 2