**Schedule of Block Symposia**

**Friday, May 2**

2:30 PM – 4:30 PM
- Immune Cell Development
- Immunotherapy Vaccines
- Innate Immunity in Autoimmune Disease I
- Regulatory T Cells in Tolerance and Disease
- T Cell Maintenance and Memory
- Veterinary and Comparative Immunology

**Saturday, May 3**

8:00 AM – 10:00 AM
- Accessory Factors and Antigen Presentation Pathways
- B Cell Development and Function
- Myeloid Cells in Cancer
- T Cell Activation
- The Innate Immune Response in Non-infectious Inflammation

10:15 AM – 12:15 PM
- Mechanisms of Asthma and Allergy
- Molecular Decisions During B Cell Activation and Differentiation
- Mucosal Immunization
- Novel Innate Immune Mechanisms

12:30 PM – 2:30 PM
- Bridging the Interface of Innate and Adaptive Immunity
- Immunotherapeutic Interventions for Autoimmune Demyelination
- Inflammasomes and Cytosolic Sensing
- Mast Cell Biology

3:45 PM – 5:45 PM
- Adjuvants and Immunotherapy
- Innate Regulation of Type 2 Immunity
- Pathogen Control and Evasion Strategies
- T Cells in Autoimmunity I

**Sunday, May 4**

8:00 AM – 10:00 AM
- Actions of CD4+ T Cells and B Cells During Acute and Persistent Viral Infections
- Cytokine and Chemokine Signaling
- Immunosuppression in the Tumor Microenvironment
- T Cell Subsets in Autoimmunity
- Toll-like Receptor Signaling

10:15 AM – 12:15 PM
- Cellular Innate Immune Responses in Bacterial and Parasitic Infections
- Immunology of the Airway
- Inflammation: Friend or Foe?
- T and NK Cell Development
- T Cells in Autoimmunity II

12:30 PM – 2:30 PM
- Adaptive Transfer Therapy
- Cell Subsets, Cytokines, and Disease
- Cellular Innate Immune Responses in Viral Infections
- Targeting Signaling Pathways in Autoimmunity

3:45 PM – 5:45 PM
- Cancer Immunobiology
- Infection, Inflammation, and Immunity
- Innate Immunity in Autoimmune Disease II
- Metabolomics and Mucosal Immunity
- Pathways for Regulating Alloimmunity: T Cells and Beyond

**Monday, May 5**

8:00 AM – 10:00 AM
- Adaptive Immunity in Autoimmune Diseases
- Input Signals Regulating T Cell Responses
- Leukocyte Migration
- Regulation of B Cells and B Cells as Regulators
- Regulation of Immunotherapy Responses

10:15 AM – 12:15 PM
- Immune Epitopes and Repertoires
- Innate Immunity at the Microbe-Host Interface
- Innate Immunity in SLE
- T Helper Cell Differentiation and Cytokine Expression
- Technological Innovations in Immunology

12:30 PM – 2:30 PM
- Contra-regulation by Coinfection and Cytokines
- Cytokines in the Th17/IL-17 Family
- Genetic, Environmental, and Cellular Risks for Disease
- Molecular Regulation of CD8 T Cell Immunity
- Respiratory Viruses and the Immune Response

3:45 PM – 5:45 PM
- CD4 T Cell Differentiation
- Effects of the Microbiota on Mucosal Immunity
- HSCs and B Cell Development
- Influenza
- Myeloid-derived Cells: A Range of Regulatory Possibilities

**Tuesday, May 6**

8:00 AM – 10:00 AM
- Immunopathogenesis of Enteritis and Colitis
- Infectious Diseases Vaccines
- Regulation of the Virus-Specific Immune Response
- T Cell Memory: Generation, Maintenance, and Function
- Topics in Innate Immunity

10:15 AM – 12:15 PM
- Cytokines and Chemokines in Immunobiology
- Function and Persistence of Virus-Specific CD8+ T Cells
- Harnessing Cellular and Molecular Interactions in Autoimmunity
- Metabolism and Nutrient Sensing Pathways in Autoimmunity
- Regional Immunity
- T Cell Development
- What Do Infections Tell Us about Lymphocyte Function?