

SCHEDULE OF BLOCK SYMPOSIA

FRIDAY, MAY 13

2:30 PM – 4:30 PM

End Organ Disease in Autoimmunity
Inflammation and Tumor Immunity
Lymphocyte Subset Development and Regulation
Metabolic Function in Immune Cells
Mucosal Immunity to Bacterial Pathogens
Virus-specific T Cell Activation, Differentiation,
and Exhaustion

SATURDAY, MAY 14

8:00 AM – 10:00 AM

Cellular Immune Responses at the Mucosa
Cytokine Regulation of Immunity to Eukaryotic Pathogens
Micro RNAs and RNA Control
Novel Vaccines/Immunotherapy Protect from Viral
and Bacterial Infection
T Cells and Therapeutics in Autoimmunity

10:15 AM – 12:15 PM

Host-Bacterial Interactions
Mast Cells and IgE
Metabolism and Immune Regulation in Tumor Therapy
T Cell Responses during Acute and Chronic Virus Infections

12:30 PM – 2:30 PM

Antigen Processing and Presentation 1
Innate Cells in Autoimmunity
T Cell Development
T Cell Subsets, T Cell Therapy, and Vaccines for Cancer

3:45 PM – 5:45 PM

Altered Immune Pathways in Disease
B Cell and CD4 T Cell Responses during Viral Infections
Innate Immune Regulation
Leukocyte Trafficking
Molecular Signatures of Eukaryotic Pathogens
T Cell Activation: The Early Events
Transplantation Immunology

SUNDAY, MAY 15

8:00 AM – 10:00 AM

Bacterial and Parasitic Infection and Immunity 1
Genetic Dysregulation in Immunodeficiencies and Immune-
mediated Diseases
Immune Cell Trafficking and Immune Responses in the Tumor
Inflammation and Disease
Lymphocyte Development, Homeostasis, and Aging

10:15 AM – 12:15 PM

B Cell Development
Improving Antitumor Efficacy of T Cells
Inflammation and Infection at Mucosal Surfaces
Innate and Cellular Immune Responses to Viruses
T Cell Cytokines and Autoimmunity
Veterinary and Comparative Immunology

12:30 PM – 2:30 PM

Emerging Treatment Approaches in CNS Autoimmunity
Innate Immune Sensing and Signaling

3:45 PM – 5:45 PM

Allergic Mechanisms
Bacterial and Parasitic Infection and Immunity 2
Cytokines in Immune Regulation
Immune Regulation at Mucosal Surfaces
Regulation of CD8 T Cell Activation and Differentiation
Regulatory Mechanisms of Innate Immune Responses

MONDAY, MAY 16

8:00 AM – 10:00 AM

Asthma and Airway Inflammation
B Cells and Autoimmunity
Host Defense and Immune Mechanisms
Immunosuppressive Mechanisms in Cancer
Metabolic and Mucosal Control of Immunity
T Cells in Health and Disease

10:15 AM – 12:15 PM

Innate Immune Cells and B Cells in Cancer
Molecular Pathways in Autoimmunity
Regulation of Immunity at the Lung Mucosa
Regulation of T Cell Responses

12:30 PM – 2:30 PM

Eukaryotic Host Defenses
Immune Responses in Cancer Therapy
Molecular Mechanisms of Innate Immunity
Novel Therapeutic Mechanisms in Systemic Autoimmunity
Regulating the Outcome of T Helper Cell Differentiation
Regulation of B Cell Responses
Technological Innovations in Immunology 1

3:45 PM – 5:45 PM

Cancer Immunotherapy: Novel Strategies and Targets
Immunity to Viruses
Molecular Basis for Mucosal Vaccines: Novel Strategies and
Mechanisms
Natural Born Killers: A Cytotoxic Approach
Regulatory T Cells
Tissue-specific Effects of Cytokines and Chemokines

TUESDAY, MAY 17

8:00 AM – 10:00 AM

Autoimmunity Triggers and Regulation
B Cell Activation and Terminal Differentiation
Checkpoints and Immune Regulation for Tumor Immunity
Hematopoiesis and Myeloid Cell Development
Novel Regulators of Cytokine Production and Functions
Respiratory Viruses and the Host Immune Response
The Microbiota and Mucosal Immunity

10:15 AM – 12:15 PM

Adoptive Cell Therapy and CAR T cells
Antigen Processing and Presentation 2
Consequences of Antigen Recognition by Lymphocytes
Immunoregulatory Roles for T and B Cell Responses Induced
by Vaccines/Immunotherapy
Inflammasomes
Pathogen Control and Evasion Strategies
Technological Innovations in Immunology 2