

SCHEDULE OF BLOCK SYMPOSIA

FRIDAY, MAY 4

2:30 PM – 4:30 PM

B Cell Biology
Influence of Cytokines and Chemokines on Regional Immunity
Macrophages and Myeloid and Dendritic Cells in Tumor Immunity and Immunotherapy
Regulatory Mechanisms of Innate Immune Responses
T cell Responses During Acute and Chronic Virus Infections
T Lymphocytes and Tregs: Activation, Differentiation and Tolerance

SATURDAY, MAY 5

8:00 AM – 10:00 AM

Basic Autoimmunity: Novel Molecules
Innate Immunity to Microbes I
Microbial, Parasitic, and Fungal Immunity
Regulation of Immunity in the Skin and Lung Mucosa

10:15 AM – 12:15 PM

Combination Therapies for Immuno-Oncology
Innate Immunity to Microbes II
Novel Vaccines and Immunotherapies Against Infectious Diseases
Regulation of Innate and Cytotoxic Lymphocyte Responses: Molecular Mechanisms

12:30 PM – 2:30 PM

T Cell Signaling: Membrane to Nucleus

3:45 PM – 5:45 PM

B cells and B/T cell Interactions
Basic Autoimmunity: Regulatory T Cells
ILCs in Tumor Immunity and Immunotherapy

SUNDAY, MAY 6

8:00 AM – 10:00 AM

Basic Autoimmunity: Microbial Connections
Mechanisms of Cytokine and Chemokine Function and Regulation
T and NKT Development
The Tumor Microenvironment
Treatment Strategies in Systemic Autoimmunity

10:15 AM – 12:15 PM

B cell and CD4 T cell Responses During a Virus Infection
Immunometabolism in Tumor Immunity and Immunotherapy
Innate Immune Sensing and Signaling

12:30 PM – 2:30 PM

Basic Autoimmunity: Role of T Cells
Cell Therapy
Immune Memory and Aging
Myeloid Cells, Antigen Presentation, and Regulatory Factors During Virus Infections

3:45 PM – 5:45 PM

Cancer Vaccines
Human Host Defense
Inflammatory Mediators at Mucosal Surfaces
Lymphocyte Activation, Differentiation, and Regulation
Metabolism and Molecular Immunology
Tolerance Induction, Signaling, and Cell-Based Therapy in Autoimmunity

MONDAY, MAY 7

8:00 AM – 10:00 AM

Cellular Immune Responses at the Mucosa
Hematopoiesis and B Cell Development
Inflammation and Disease
Innate Immunity
Microbiome, Diet, and Metabolism at the Crossroads of Autoimmune Therapeutics
Technological Innovations I

10:15 AM – 12:15 PM

Basic Autoimmunity: Innate Immune Mechanisms
Peripheral Lymphocyte Development and Homeostasis

12:30 PM – 2:30 PM

Antigen Processing and Presentation
Food Allergy and Hypersensitivity
Leukocyte Adhesion and Migration
Mast Cell Biology
Veterinary and Comparative Immunology

3:45 PM – 5:45 PM

Basic Autoimmunity: B Cells and Germinal Centers
Efficacy of Vaccines and Immunotherapies: Cellular and Molecular Regulation
ILCs and IELs - Regulators of Mucosal Immunity
Metabolome, Host Defense, and Tissue Injury
Molecular Mechanisms of T Helper Cell Differentiation and Responses
Novel Therapeutic Approaches in Neuro-Inflammation
Transplantation Immunology

TUESDAY, MAY 8

8:00 AM – 10:00 AM

Autoimmunity, Hypersensitivity, and Tolerance
Immune Responses to Viruses in the Respiratory Tract
Innate Immune Cells & Mechanisms
Pathogen Control and Evasion Strategies
Technological Innovations II
Therapeutic Antibodies and Immunomodulators

10:15 AM – 12:15 PM

Asthma, Lung Inflammation, and Immunity
Cytokines/Chemokines and the Innate Immune Response to Viruses
Inflammasomes
Innate Leukocyte Responses
Mucosal Immune Regulation by Microbiota and Diet
T cells in Tumor Immunity and Immunotherapy