

CONFERENCE SCHEDULE

All Sessions: Merrill Hall

Saturday, January 24th

8:00 PM

The Dan H. Campbell Memorial Lecture

9:00 – 11:00 PM

Reception – Nautilus and Triton Rooms

Sunday, January 25th

8:30 – 12:00 Noon

SESSION I How the Innate Immune System Mediates the Recognition and Control of the Immune Response to Microbes

4:00 – 6:00 PM

POSTER SESSION - Fred Farr Forum and Kiln Rooms

7:30 – 10:00 PM

SESSION II Identification and Analysis of Genes Predisposing to Autoimmune Disorders

10:00 – 11:00 PM

Reception – Fred Farr Forum and Kiln Rooms

Monday, January 26th

8:30 – 12:00 Noon

SESSION III Turning On: Lymphocyte Activation and the Afferent Immune Response

4:00 – 6:00 PM

POSTER SESSION – Fred Farr Forum and Kiln Rooms

7:30 – 10:00 PM

SESSION IV Turning Off: Diverse Types of Regulatory Cells in the Prevention of Uncontrolled Immune Responses

10:00 – 11:00 PM

Reception – Fred Farr Forum and Kiln Rooms

Tuesday, January 27th

8:30 – 12:00 Noon

SESSION V Host Defense and Biodefense: Analyzing and Augmenting the Response to Infection Agents

CONFERENCE PROGRAM

SESSION I

How the Innate Immune System Mediates the Recognition and Control of the Immune Response to Microbes

Sunday Morning

8:30-12:00 Noon

Chairperson: Mitchell Kronenberg

La Jolla Institute for Allergy and Immunology

Speakers:

Wayne M. Yokoyama

Washington University, St. Louis, Missouri

“Innate natural killer cell control of viral infections”

Bruce Beutler

The Scripps Research Institute, La Jolla, California

“Innate immune sensing and its dissection with forward genetic methods”

Stefanie N. Vogel

University of Maryland, Bethesda, Maryland

“TLR4 Signaling: Turning it on and turning it off”

Richard A. Flavell

Yale University, New Haven, Connecticut

“Signaling in the innate and adaptive immune response”

Sunday Afternoon
4:00 – 6:00 PM

POSTER SESSION and informal discussion groups

SESSION II

Sunday Evening
7:30-10:00 PM

Identification and Analysis of Genes Predisposing to Autoimmune Disorders

Chairperson: *Linda S. Wicker*

Speakers:

Linda S. Wicker

Cambridge Institute for Medical Research, Cambridge, United Kingdom
“Identification of genes contributing to autoimmune type 1 diabetes, a common complex disease”

Edward K. Wakeland

University of Texas Southwestern, Dallas, Texas
“Genetic interactions mediating SLE pathogenesis”

Jorge R. Oksenberg

University of California, San Francisco, California
“Mapping multiple sclerosis susceptibility to the *HLA-DR* locus in African-Americans”

SESSION III

Monday Morning
8:30-12:00 Noon

Turning On: Lymphocyte Activation and the Afferent Immune Response

Chairperson: *Jeffrey A. Frelinger*

Speakers:

Jeffrey A. Frelinger

University of North Carolina, Chapel Hill, North Carolina
“Affinity/Avidity and co-receptors: CD8, a rheostat for T cells?”

Lawrence E. Samelson

National Cancer Institute, National Institutes of Health, Bethesda, Maryland
“Characterization of signaling complexes at the T cell antigen receptor”

Gail A. Bishop

University of Iowa, Iowa City, Iowa
“New insights into TRAF functions in lymphocyte activation”

Steven Almo

Albert Einstein College of Medicine, Bronx, New York
“Structural basis for costimulation”

Monday Afternoon
4:00 – 6:00 PM

POSTER SESSION and informal discussion groups

SESSION IV

Monday Evening
7:30-10:00 PM

Turning Off: Diverse Types of Regulatory Cells in the Prevention of Uncontrolled Immune Responses

Chairperson: Alexander Y. Rudensky

Speakers:

Alexander Y. Rudensky

University of Washington, Seattle, Washington

“Foxp3 programs development and function of regulatory CD4 T cells”

Jonathan Braun

University of California, Los Angeles, California

“Regulation of CD4-mediated autoaggression by B lymphocyte subsets”

Hilde Cheroutre

La Jolla Institute for Allergy and Immunology

“CD8__ mediates selective survival and differentiation of CD8 memory T Cell precursors”

SESSION V:

Tuesday Morning
8:30-12:00 Noon

Host Defense and Biodefense: Analyzing and Augmenting the Response to Infectious Agents

Chairperson: Thomas J. Braciale

Speakers:

Thomas J. Braciale

University of Virginia, Charlottesville, Virginia

“Inoculum dose and the control of the CD8⁺ T cell response to respiratory virus infection”

Eric G. Pamer

Memorial Sloan-Kettering Cancer Center, New York, New York

“Innate and adaptive immune responses to *Listeria monocytogenes* infection”

Jonathan W. Yewdell

National Institute of Allergy and Infectious Diseases, NIH, Bethesda, Maryland

“Protein synthesis and the generation of MHC Class I peptide ligands: Could nature really be this inefficient?”

Karen L. Elkins

Center for Biologics Evaluation and Research and Food and Drug Administration, Rockville, Maryland

“How do memory T cells really protect against intracellular bacteria?”