

The 51st Midwinter Conference of Immunologists

January 28-31, 2012

Asilomar Conference Grounds, Pacific Grove (near Monterey) California, USA

Chairpersons

Ann J. Feeney and Steven F. Ziegler

The Dan H. Campbell Memorial Lecturer

Rafi Ahmed

"Immunological Memory"

Emory University, Atlanta, Georgia

Schedule of Events - All Sessions in Merrill Hall

Saturday, January 28

3:00 pm	Registration begins at Asilomar
8:00 pm	The Dan H. Campbell Memorial Lecture
9:00 pm	Reception Nautilus and Triton Rooms

Sunday, January 29

8:30 - 12:00 Noon	Session I
4:00 - 6:00 pm	Poster Session Fred Farr Forum and Kiln Rooms
7:30 - 10:00 pm	Session II
10:00 - 11:00 pm	Reception Fred Farr Forum and Kiln Rooms

Monday, January 30

8:30-12:00 Noon	Session III
4:00- 6:00 pm	Poster Session Fred Farr Forum and Kiln Rooms
7:30-10:00 pm	Session IV
10:00-11:00 pm	Reception Fred Farr Forum and Kiln Rooms

Tuesday, January 31

8:30-12:00 Noon	Session V
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SESSION I

MAKING AND BREAKING TOLERANCE

Chairperson: *Ann Marshak-Rothstein*

Speakers:

Diane J. Mathis

Eric Meffre

Ann Marshak-Rothstein

Virginia Pascual

Short Talk

Short Talk

Molecular control of immunological tolerance.

Impact of gene mutations and polymorphisms on human B cell tolerance.

One receptor, multiple outcomes – from receptor editing to autoantibody production.

Neutrophil-pDC interplay in human SLE.

Chosen from abstracts.

SESSION II:

MOLECULAR MECHANISMS OF LYMPHOCYTE DIFFERENTIATION

Chairperson: *Ann J. Feeney*

Speakers:

Ann J. Feeney

Amy Weinmann

John J. O'Shea

Ananda A. Goldrath

Epigenetic and 3-dimensional regulation of antigen receptor gene rearrangement.

The interplay between T-bet and Bcl-6 in T helper cell differentiation.

Regulation of epigenetics and transcription in CD4 helper cell differentiation.

Transcriptional control of memory T cell formation.

SESSION III:

REGULATING THE REGULATORS

Chairperson: *Luke O'Neill*

Speakers:

Luke O'Neill

Dana J. Philpott

Christopher L. Karp

Daniel J. Campbell

Short Talk

Short Talk

Toll-like receptor and NOD-like receptor signaling during infection and inflammation.

Nod proteins in immunity and infection.

Immunobiology of TLR Signaling.

Functional specialization of human Treg cells.

Chosen from abstracts.

SESSION IV:

UNDERSTANDING AND FIGHTING DISEASE

Chairperson: *Louis M. Staudt*

Speakers:

Louis M. Staudt

Lisa M. Coussens

Karolina A. Palucka

Andrew C-Y Chan

Finding the Achilles heel of lymphoma by functional and structural genomics.

Cancer and inflammation: Reprogramming immune response to enhance therapy.

Reprogramming tumor immunity via dendritic cells.

Redefining asthma to meet the challenges of drug discovery and development.

SESSION V:

RESPONSE TO INVASION

Chairperson: *Joanne L. Flynn*

Speakers:

Joanne L. Flynn

Jay K. Kolls

Yasmine Belkaid

Jason G. Cyster

Tuberculosis: Looking to the granuloma for answers.

Th17 cytokines and mucosal immunity: roles of innate cells versus adaptive Th17 cells.

Innate and Adaptive responses to commensals during acute infections.

Greasing it up: Lipids cue the B cell response

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