The Journal of Immunology

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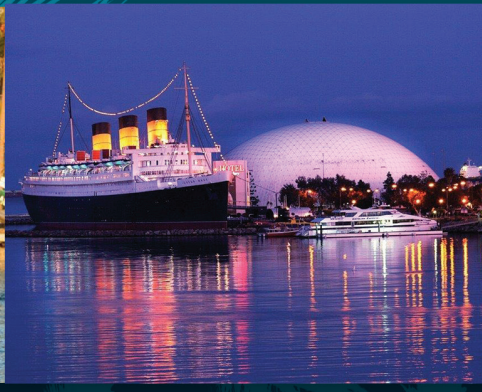
We're Moving...

The AAI Introductory Course in Immunology



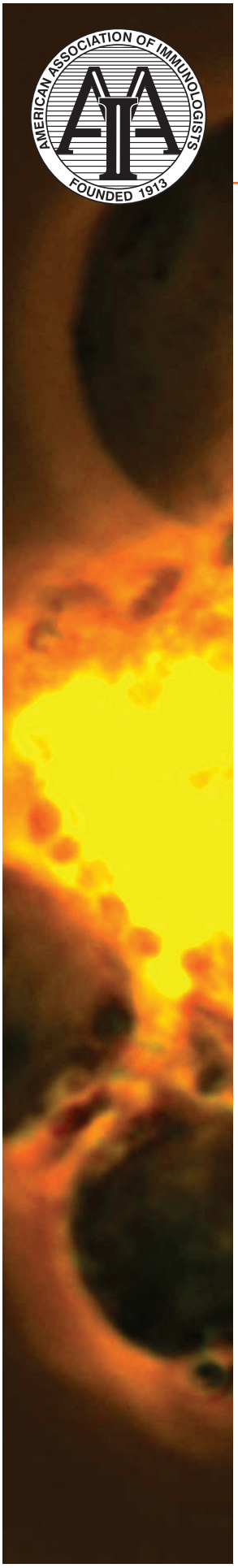
Will be held in beautiful

Long Beach, California

July 12–17, 2014

Long Beach Convention Center

—Details to come—



2014 Introductory Course in Immunology

July 12–17, 2014 • Long Beach Convention Center, Long Beach, California

Director: Juan Carlos Zuñiga-Pflücker, Ph.D.
University of Toronto and Sunnybrook Research Institute

Don't miss the most comprehensive introduction to immunology available!

This intensive two-part course, taught by world-renowned immunologists, provides a comprehensive overview of the basics of immunology. This course is for students new to the discipline or those seeking more information to complement general biology or science training. **Part I (July 12–14)** is a detailed introduction to the basic principles of immunology and is suitable for students with a general biology background. **Part II (July 15–17)** is a clinically oriented lecture series focusing on specialty areas.

Parts I and II may be taken independently at the discretion of the student.

Faculty

Juan Carlos Zuñiga-Pflücker, *University of Toronto and Sunnybrook Research Institute*
Introduction to the Immune System

Lewis L. Lanier, *University of California, San Francisco*
Innate Immunity: Introduction to the Cells

Andrea J. Tenner, *University of California, Irvine*
Complement

Gregory M. Barton, *University of California, Berkeley*
Innate Immunity: Introduction to Pattern Recognition and Intracellular Signaling

Wendy L. Havran, *The Scripps Research Institute*
Introduction to Adaptive Immunity

Juan Carlos Zuñiga-Pflücker, *University of Toronto and Sunnybrook Research Institute*
MHC Restriction and Thymic Selection

Nilabh Shastri, *University of California, Berkeley*
Antigen Processing and Presentation

A. Karolina Palucka, *Baylor Institute for Immunology Research*
Dendritic Cells: The Bridge Between Innate and Adaptive Immunity

Michael G. McHeyzer-Williams, *The Scripps Research Institute*
Effector T Cell Differentiation and Response

Shane Crotty, *La Jolla Institute for Allergy and Immunology*
B Cell Activation and Humoral Immunity

Arthur Weiss, *University of California, San Francisco*
Signaling in the Immune System

Alessandro Sette, *La Jolla Institute for Allergy and Immunology*
Putting the Pieces Back Together: Epitopes, Cell Responses, and Diseases

Ninan Abraham, *University of British Columbia*
Cytokines

Megan K. Levings, *University of British Columbia*
T and B Cell Tolerance

Linda A. Sherman, *The Scripps Research Institute*
Tumor Immunology

Olivia M. Martinez, *Stanford University School of Medicine*
Transplantation

Hilde Cheroutre, *La Jolla Institute for Allergy and Immunology*
Mucosal Immunology

Steven F. Ziegler, *Benaroya Research Institute*
Type 2 Immunity

Robert L. Modlin, *University of California, Los Angeles David Geffen School of Medicine*
Immunity to Bacterial Pathogens

Elina Zuniga, *University of California, San Diego*
Immunity to Viruses

Jeffrey A. Bluestone, *University of California San Francisco*
Autoimmunity

Stephen P. Schoenberger, *La Jolla Institute for Allergy and Immunology*
Immunologic Memory

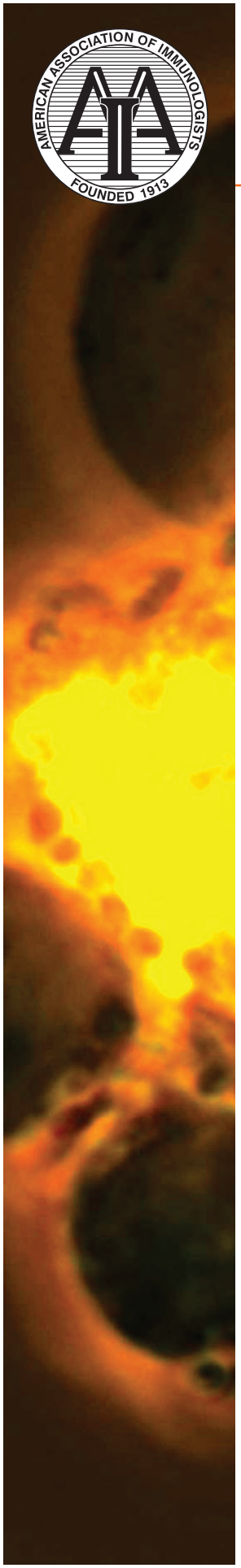
Nicole Frahm, *Fred Hutchinson Cancer Research Center*
Vaccination

Jennifer M. Puck, *University of California, San Francisco*
Genetic Approaches to Immune-Mediated Diseases

Andrew C. Chan, *Genentech, Inc.*
Bench to Bedside to Bench: Current Issues in Immunology

For complete course details and registration, visit: www.aai.org/Education/Courses

For assistance, contact (301) 634-7178 or meetings@aai.org. Overseas applicants are advised to apply early for visas; for details, visit www.aai.org/Education/Courses/Visa.html.Financial support for underrepresented minority scientists is available through the FASEB MARC Program; for details, visit www.faseb.org/MARC.



2014 Advanced Course in Immunology

July 27–August 1, 2014 • Seaport World Trade Center, Boston, Massachusetts

Director: Leslie J. Berg, Ph.D.
University of Massachusetts Medical School

Don't miss the premier course in immunology for research scientists!

This intensive course is directed toward advanced trainees and scientists who wish to expand or update their understanding of the field. Leading experts will present recent advances in the biology of the immune system and address its role in health and disease. This is not an introductory course; attendees will need to have a firm understanding of the principles of immunology.

Faculty

Marc K. Jenkins, *Center for Immunology University of Minnesota Medical School*
Anatomy of the Immune Response

Jonathan C. Kagan, *Children's Hospital Boston Harvard Medical School*
Innate Immunity: Pattern Recognition and Anti-microbial Mechanisms

Katherine A. Fitzgerald, *University of Massachusetts Medical School*
Innate Immunity: Gene Regulation

Albert S. Bendelac, *University of Chicago*
Innate Immunity: Cellular Mechanisms

Wayne M. Yokoyama, *Washington University School of Medicine*
NK Cells —Their Receptors and Function in Health and Disease

Elizabeth J. Kovacs, *Loyola University Chicago Health Sciences Campus*
Molecular and Cellular Mediators of Inflammation

Shannon J. Turley, *Dana Farber Cancer Institute Harvard Medical School*
Dendritic Cells

Eugene M. Oltz, *Washington University School of Medicine*
The Generation and Modification of Lymphocyte Antigen Receptor Genes

Shiv Pillai, *Massachusetts General Hospital Cancer Center, Harvard Medical School*
B Cell Development

Avinash Bhandoola, *University of Pennsylvania Perelman School of Medicine*
T Cell Development

Kenneth L. Rock, *University of Massachusetts Medical School*
MHC-Restricted Antigen Presentation to T Cells

Leslie J. Berg, *University of Massachusetts Medical School*
Signaling from Antigen Receptors

Susan M. Kaech, *Yale School of Medicine*
Lymphocyte Memory

Brian A. Cobb, *Case Western Reserve University School of Medicine*
Glycoimmunology

Richard S. Blumberg, *Brigham & Women's Hospital Harvard Medical School*
Mucosal Immunity

Joanne L. Flynn, *University of Pittsburgh School of Medicine*
Immune Response to Pathogens

Ann Marshak-Rothstein, *University of Massachusetts Medical School*
B Cell Tolerance and Autoimmunity

Vijay K. Kuchroo, *Brigham & Women's Hospital Harvard Medical School*
T Cell Tolerance and Autoimmunity

Catherine J. Wu, *Dana Farber Cancer Institute Harvard Medical School*
Tumor Immunology

Joanne L. Viney, *Biogen Idec*
Immunotherapeutics

Dennis W. Metzger, *Albany Medical College*
Vaccines

For complete course details and registration, visit: www.aai.org/Education/Courses

For assistance, contact (301) 634-7178 or meetings@aai.org. Overseas applicants are advised to apply early for visas; for details, visit www.aai.org/Education/Courses/Visa.html. Financial support for underrepresented minority scientists is available through the FASEB MARC Program; for details, visit www.faseb.org/MARC.

The American Association of Immunologists

Future AAI Annual Meetings

Mark Your Calendar for the Premier Annual Immunology Event!

2015

IMMUNOLOGY 2015™
May 8–12
New Orleans, Louisiana

2016

IMMUNOLOGY 2016™
May 13–17
Seattle, Washington

2017

IMMUNOLOGY 2017™
May 12–16
Washington, D.C.