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2013 Introductory Course in Immunology

July 13–18, 2013 • The University of Pennsylvania, Philadelphia, Pennsylvania

Director: Michael P. Cancro, Ph.D., *University of Pennsylvania, Perelman School of Medicine*

Co-Director: Christopher A. Hunter, Ph.D., *University of Pennsylvania School of Veterinary Medicine*

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 13–15)** is a detailed introduction to the basic principles of immunology and is suitable for students with a general biology background. **Part II (July 16–18)** 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

Christopher A. Hunter, *University of Pennsylvania School of Veterinary Medicine*

Introduction to the Immune System

Kathleen E. Sullivan, *Children's Hospital of Philadelphia*
Innate Immunity: Introduction to the Cells

Oriol J. Sunyer, *University of Pennsylvania School of Veterinary Medicine*
Complement

Igor E. Brodsky, *University of Pennsylvania School of Veterinary Medicine*
Innate Immunity: Introduction to Pattern Recognition and Intracellular Signaling

Jennifer A. Punt, *Haverford College*
Introduction to Adaptive Immunity

Terri M. Laufer, *University of Pennsylvania, Perelman School of Medicine*
MHC Restriction and Thymic Selection

Laurence C. Eisenlohr, *Jefferson Medical College*
Antigen Processing and Presentation

Edward M. Behrens, *Children's Hospital of Philadelphia*
Dendritic Cells: The Bridge Between Innate and Adaptive Immunity

Jonathan D. Powell, *Johns Hopkins University School of Medicine*
Effector T Cell Differentiation and Response

Michael P. Cancro, *University of Pennsylvania, Perelman School of Medicine*
B Cell Activation and Humoral Immunity

Gary A. Koretzky, *University of Pennsylvania, Perelman School of Medicine*
Signaling in the Immune System

Andrew D. Luster, *Massachusetts General Hospital, Harvard Medical School*
Trafficking of Immune Cells

Ethan M. Shevach, *NIAID, NIH*
T and B Cell Tolerance

Cathryn Nagler, *University of Chicago*
Mucosal Immunology

David Artis, *University of Pennsylvania, Perelman School of Medicine*
Type 2 Immunity and Parasite Infections

Christopher A. Hunter, *University of Pennsylvania School of Veterinary Medicine*
Cytokines

Jonathan S. Maltzman, *University of Pennsylvania, Perelman School of Medicine*
Solid Organ Transplantation

Robert H. Vonderheide, *University of Pennsylvania, Perelman School of Medicine*
Tumor Immunology

Sunny Shin, *University of Pennsylvania, Perelman School of Medicine*
Immunity to Bacterial Pathogens

Carolina B. Lopez, *University of Pennsylvania School of Veterinary Medicine*
Immunity to Viruses

E. John Wherry, *University of Pennsylvania, Perelman School of Medicine*
Immunologic Memory

David B. Weiner, *University of Pennsylvania, Perelman School of Medicine*
Vaccination

Vijay K. Kuchroo, *Brigham & Women's Hospital, Harvard Medical School*
Autoimmunity

Michael J. Lenardo, *NIAID, NIH*
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 <http://marc.faseb.org>.



2013 Advanced Course in Immunology

July 28–August 2, 2013 • Seaport World Trade Center, Boston, Massachusetts

Course 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

Wayne M. Yokoyama, *Washington University
School of Medicine*

*NK Cells—Their Receptors and Function
in Health and Disease*

Michael C. Carroll, *Immune Disease Institute,
Harvard Medical School*

Molecular and Cellular Mediators of Inflammation

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

Dendritic Cells

Frederick W. Alt, *Children's Hospital Boston,
Harvard Medical School*

*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

Thorsten R. Mempel, *Massachusetts General Hospital,
Harvard Medical School*

Lymphocyte Trafficking

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

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

Glycoimmunology

Charlotte S. Kaetzel, *University of Kentucky College
of Medicine*

Mucosal Immunity

David M. Center, *Boston University School of Medicine*

Asthma and Allergy

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

Vassiliki A. Boussiotis, *Beth Israel Deaconess
Medical Center, Harvard Medical School*

T Cell Tolerance and Autoimmunity

Megan Sykes, *Columbia University College
of Physicians and Surgeons*

Transplantation

Robert Schreiber, *Washington University
School of Medicine*

Tumor Immunology

Susan M. Kaeck, *Yale School of Medicine*

Lymphocyte Memory

Linda C. Burkly, *Biogen Idec*

Immunotherapeutics

Dennis W. Metzger, *Albany Medical College*

Vaccines

Support in part for this AAI course has been generously provided by the Society for Glycobiology

For complete course details and registration, visit:
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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 <http://marc.faseb.org>.

The American Association of Immunologists



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Mark Your Calendar for the Premier Annual Immunology Event!

2014



IMMUNOLOGY 2014™

May 2–6
Pittsburgh, Pennsylvania

2015

IMMUNOLOGY 2015™

May 8–12
New Orleans, Louisiana



2016



IMMUNOLOGY 2016™

May 13–17
Seattle, Washington

GRIP

Grant Review for Immunologists Program

Get a GRIP: An AAI program designed to help new investigators prepare their NIH grant proposals

AAI is pleased to offer a program to match new PIs with established PIs who have significant, successful grant writing careers. The Grant Review for Immunologists Program (GRIP) invites new PIs to submit an outline or NIH-style abstract to the GRIP coordinator who, with the assistance of a small volunteer subcommittee, will attempt to match the topic of the proposal with the research experience of an established PI. Matches will be made as quickly as possible to allow new PIs to meet upcoming NIH grant deadlines. Participation is open only to AAI members and is strictly voluntary. The program is not intended to supplant internal mentoring programs.

GRIP is now accepting both new PI and established PI participants. Please send your CV and a brief description of either your potential research project (new PIs) or grant reviewing experience (established PIs) to infoaai@aai.org (please write "GRIP" in the subject line).



Program details at www.aai.org/GRIP_rd.htm

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