

THE JOURNAL OF IMMUNOLOGY

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IMMUNOLOGY 2012™

99TH Annual Meeting

The American Association of Immunologists



MARK YOUR CALENDAR!

May 4–8, 2012 | Boston, Massachusetts





The American Association of Immunologists
2011 Introductory Course in Immunology

July 9 - 14, 2011

University of Pennsylvania, Philadelphia

Course Director: Christopher A. Hunter, Ph.D.

University of Pennsylvania School of Veterinary Medicine

Course Co-Director: Terri M. Laufer, M.D.

University of Pennsylvania School of 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 9 – 11)** is a detailed introduction to the basic principles of immunology and is suitable for students with a general biology background. **Part II (July 12 – 14)** 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
- **Sara Cherry**, University of Pennsylvania School of Medicine
Introduction to Innate Immunity
- **Judith A. Owen**, Haverford College
Introduction to Adaptive Immunity
- **Michael P. Cancro**, University of Pennsylvania School of Medicine
Clonal Selection and V(D)J Recombination (B Cell Centric)
- **David M. Allman**, University of Pennsylvania School of Medicine
B Cell Activation and Memory Formation
- **Terri M. Laufer**, University of Pennsylvania School of Medicine
MHC Restriction and Thymic Selection
- **Laurence C. Eisenlohr**, Jefferson Medical College
Antigen Processing and Presentation
- **Julie M. Blander**, Mount Sinai School of Medicine
Dendritic Cells: The Bridge Between Innate and Adaptive Immunity
- **Gary A. Koretzky**, University of Pennsylvania School of Medicine
Signaling in the Immune System
- **Gudrun Philomena Fiona Debes**, University of Pennsylvania School of Veterinary Medicine
Trafficking
- **Michael P. Cancro**, University of Pennsylvania School of Medicine
Lymphocyte Homeostasis
- **Ronald N. Germain**, NIAID, NIH
Dynamic Intravital Imaging of the Immune System: Replacing Cartoons with Movies of the Real Thing
- **Andrew J. Caton**, The Wistar Institute
T and B Cell Tolerance
- **Robert H. Vonderheide**, University of Pennsylvania School of Medicine
Tumor Immunology
- **Betty A. Diamond**, The Feinstein Institute for Medical Research
Autoimmunity
- **Cathryn Nagler**, University of Chicago
Mucosal Immunology
- **Achsah D. Keegan**, University of Maryland School of Medicine
Type 2 Immune Responses and Asthma
- **Padmini Salgame**, University of Medicine and Dentistry of New Jersey
Immunity to Bacterial Pathogens
- **E. John Wherry**, University of Pennsylvania School of Medicine
Immunologic Memory to Intracellular Pathogens
- **Christopher A. Hunter**, University of Pennsylvania School of Veterinary Medicine
Cytokines
- **Robert A. Seder**, VRC, NIAID, NIH
Immunizations
- **Jordan S. Orange**, Children's Hospital of Philadelphia
Primary Immunodeficiencies
- **Jonathan S. Maltzman**, University of Pennsylvania School of Medicine
Transplantation
- **Judy H. Cho**, Yale School of Medicine
Genetic Approaches to Immune-Mediated Diseases
- **John G. Monroe**, Genentech, Inc.
Bench to Bedside to Bench: Current Issues in Immunology

For complete course details and registration, visit www.aai.org/Courses.htm. For assistance, contact Clayton Moore at (301) 634-7399 or meetings@aai.org. *Overseas applicants are advised to apply early for visas; for details, visit www.aai.org/Courses/visainformation.htm.* 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
2011 Advanced Course in Immunology

July 31 - August 5, 2011

The University of Minnesota, Minneapolis

Course Director: Stephen C. Jameson, Ph.D., Center for Immunology
University of Minnesota Medical School

Course Co-Director: Michael A. Farrar, Ph.D., Center for Immunology
University of Minnesota 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
- **Jenny P-Y. Ting**, University of North Carolina, Chapel Hill
Molecule Recognition Motifs
- **Jeffrey S. Miller**, Masonic Cancer Center
University of Minnesota Medical School
NK Cells - Their Receptors and Function in Health and Disease
- **Erik J. Peterson**, Center for Immunology
University of Minnesota Medical School
Molecular and Cellular Mediators of Inflammation
- **Daniel Kaplan**, Center for Immunology
University of Minnesota Medical School
Dendritic Cells
- **Barry P. Sleckman**, Washington University School of Medicine
The Generation and Modification of Lymphocyte Antigen Receptor Genes
- **Michael A. Farrar**, Center for Immunology
University of Minnesota Medical School
B Cell Development
- **Kristin A. Hogquist**, Center for Immunology, University of Minnesota Medical School
T Cell Development
- **Yoji Shimizu**, Center for Immunology
University of Minnesota Medical School
Lymphocyte Trafficking
- **Lisa K. Denzin**, Memorial Sloan-Kettering Cancer Center
MHC-Restricted Antigen Presentation to T Cells
- **Stephen C. Jameson**, Center for Immunology, University of Minnesota Medical School
Lymphocyte Memory
- **Daniel D. Billadeau**, Mayo Clinic Medical School
Signaling from Antigen Receptors
- **David Masopust**, Center for Immunology
University of Minnesota Medical School
Mucosal Immunity
- **Steven M. Varga**, University of Iowa
Immune Response to Pathogens
- **Bryce A. Binstadt**, Center for Immunology
University of Minnesota Medical School
T and B Cell Tolerance and Autoimmunity
- **William J. Burlingham**, University of Wisconsin, Madison
Immunobiology of Transplantation
- **Hirohito Kita**, Mayo Clinic Medical School
Asthma and Allergy
- TBA
Immunotherapeutics
- **Robert Schreiber**, Washington University School of Medicine
Tumor Immunology

For complete course details and registration, visit www.aai.org/Courses.htm. For assistance, contact Clayton Moore at (301) 634-7399 or meetings@aai.org. **Overseas applicants are advised to apply early for visas; for details, visit www.aai.org/Courses/visainformation.htm.** Financial support for underrepresented minority scientists is available through the **FASEB MARC Program**; for details, visit <http://marc.faseb.org>.

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for their generous support of its 98th Annual Meeting

MAY 13 – 17, 2011 ■ SAN FRANCISCO, CALIFORNIA

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2011 AAI Distinguished Service Award Winners Announced

For their outstanding service to the AAI community and the immunology field as a whole, AAI is pleased to present Drs. Hurwitz, Laufer, and Street with the 2011 AAI Distinguished Service Award.



Arthur Andrew Hurwitz, Ph.D.

National Cancer Institute, NIH

In ten years of continuous service to AAI, Dr. Hurwitz, AAI '93, has initiated a number of education and awards programs for the benefit of the immunology community, especially young investigators. He spearheaded the 2002 creation of the Grant Review for Immunologists Program (GRIP) as a resource for principal investigators seeking their first NIH (R01) grants and matching them with established scientists for guidance. Dr. Hurwitz was instrumental in founding and securing funding for the Cynthia Chambers Memorial-eBioscience Junior Faculty Award, which is intended to advance the career of a young investigator conducting outstanding research in the immunobiology of cancer. Dr. Hurwitz has also served actively on the AAI Committee on Public Affairs (2001–2007) and the AAI Education Committee (2007–present).

Dr. Hurwitz received his Ph.D. from the Albert Einstein College of Medicine in 1994. He continued his training at University of California, Berkeley as a postdoctoral trainee with Dr. Jim Allison. In 1999, Dr. Hurwitz was appointed assistant professor of microbiology and immunology and urology at SUNY Upstate Medical University in Syracuse, NY. His research program moved to the Center for Cancer Research at the NCI in 2003.



Terri M. Laufer, M.D.

University of Pennsylvania
School of Medicine

Dr. Laufer, AAI '99, has provided vital leadership in AAI initiatives to foster development of the field of immunology. A member since 1999, Dr. Laufer has served as the director of the AAI Introductory Course in Immunology from 2006–2010 and co-director for 2011. She has determined the course content and engaged exceptional scientists to serve as faculty, making the course the most comprehensive and reputable introduction to immunology available. Her leadership in the community has also included service on the AAI Finance and Clinical Immunology Committees. At the AAI annual meeting, she has organized and chaired symposia and workshops and also volunteered her time generously to career development activities.

Dr. Laufer received her M.D. from Columbia University in 1987 and is now an associate professor at the University of Pennsylvania School of Medicine.



Nancy E. Street, Ph.D.

University of Texas
Southwestern Medical Center

Dr. Street, AAI '91, has provided immeasurable service to AAI in her two terms as chair of the AAI Membership Committee. During her tenure as chair, AAI has attained a record number of members. Dr. Street has interacted with hundreds of members personally to encourage both their membership and their participation in AAI activities. She also implemented an accelerated review process for new-membership applicants and introduced a new-member orientation program at the AAI annual meeting. Prior to chairing the Membership Committee, Dr. Street served on the AAI Committee on the Status of Women (1997–2000) and the AAI Education Committee (2000–2003).

Dr. Street obtained her Ph.D. from the University of Texas Southwestern Medical Center in 1987. She served a three-year fellowship at the DNAX Research Institute of Cell and Molecular Biology prior to returning to the University of Texas Southwestern Medical Center, where she currently serves as associate dean of the Graduate School of Biomedical Sciences.

CYNTHIA CHAMBERS MEMORIAL-EBIOSCIENCE JUNIOR FACULTY AWARD

To advance the careers of junior scientists who attend the AAI Annual Meeting for the purpose of presenting immunology research specifically in the area of cancer biology

Support for this award is generously provided through an endowment from eBioscience, Inc.

William L. Redmond, Ph.D.

Assistant Professor
Robert W. Franz Cancer Research Center
Earle A. Chiles Research Institute
Providence Portland Medical Center

Vaishali Moulton, M.D., Ph.D.

Instructor
Department of Medicine
Beth Israel Deaconess Medical Center
Harvard Medical School

PFIZER-SHOWELL TRAVEL AWARD

To recognize the the professional promise of an early career investigator

Support for this award is generously provided through an endowment from Henry J. Showell

Shabaana A. Khader, Ph.D.

Assistant Professor
Division of Infectious Diseases
Department of Pediatrics
University of Pittsburgh School of Medicine

AAI-LIFE TECHNOLOGIES TRAINEE ACHIEVEMENT AWARDS

To recognize promising trainees in the field of immunology

Support for these awards has been generously provided by Life Technologies Corporation.

Jennifer M. Bomberger, Ph.D.

Postdoctoral Fellow
Department of Microbiology and Immunology
Dartmouth Medical School

Patricia C. Fulkerson, M.D., Ph.D.

Clinical Fellow
Division of Allergy and Immunology
Cincinnati Children's Hospital Medical Center

Braedon McDonald

Graduate Student
Immunology Program
University of Calgary

Jeffrey Mold, Ph.D.

Postdoctoral Fellow
Division of Experimental Medicine
Department of Immunology
University of California, San Francisco

Moutih Rafei, Ph.D.

Postdoctoral Investigator
Immunobiology Laboratory
The Institute for Research in Immunology and Cancer
Université de Montréal

Vijay A. K. Rathinam, D.V.M., Ph.D.

Postdoctoral Fellow
Division of Infectious Diseases and Immunology
University of Massachusetts Medical School

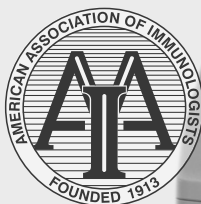
GRIP

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 PI's with established PI's who have significant, successful grant writing careers. The Grant Review for Immunologists Program (GRIP) invites new PI's 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 PI's to meet upcoming NIH grant deadlines. Participation is strictly voluntary and 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 PI's) or grant reviewing experience (established PI's) to infoaai@aai.org (please write "GRIP" in the subject line).



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

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