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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

- Achsa 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

- Andrew J. Caton, The Wistar Institute
  T and B Cell Tolerance

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

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- 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. Binstead**, 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*

- **Joanne L. Viney**, Amgen, Inc.
  *Immunotherapeutics*

- **Robert Schreiber**, Washington University School of Medicine
  *Tumor Immunology*

For complete course details and registration, visit [www.aai.org/Courses.htm](http://www.aai.org/Courses.htm). For assistance, contact Clayton Moore at (301) 634-7399 or [meetings@aai.org](mailto:meetings@aai.org). Overseas applicants are advised to apply early for visas; for details, visit [www.aai.org/Courses/visainformation.htm](http://www.aai.org/Courses/visainformation.htm). Financial support for underrepresented minority scientists is available through the [FASEB MARC Program](http://marc.faseb.org); for details, visit [http://marc.faseb.org](http://marc.faseb.org).
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The American Association of Immunologists proudly announces the 2011 recipients of AAI Awards for outstanding research and career achievements.

The 2011 AAI Award winners will be recognized at the 98th AAI Annual Meeting, IMMUNOLOGY 2011™, May 13-17, in San Francisco.

**AAI Lifetime Achievement Award**
In recognition of distinguished scientific accomplishment and extraordinary service to AAI

**James P. Allison, Ph.D.**
HHMI, Memorial Sloan-Kettering Cancer Center

**Michael B.A. Oldstone, M.D.**
The Scripps Research Institute

**AAI Award for Human Immunology Research**
For significant, sustained achievement in immunology research pertinent to human disease pathogenesis, prevention, and therapy

**Ellis L. Reinherz, M.D.**
Dana-Farber Cancer Institute
Harvard Medical School

**AAI-Life Technologies Meritorious Career Award**
For outstanding research contributions to the field of immunology

**Hidde Ploegh, Ph.D.**
Whitehead Institute for Biomedical Research

**Akiko Iwasaki, Ph.D.**
Yale University
School of Medicine

**AAI Distinguished Service Award**
For outstanding service to AAI through creative and successful initiatives that have benefitted the immunology community

**Arthur Andrew Hurwitz, Ph.D.**
National Cancer Institute, NIH

**AAI Distinguished Service Award**
For outstanding service to AAI and the immunology community as Director of the AAI Introductory Course in Immunology, 2006-2011

**Terri M. Laufer, M.D.**
University of Pennsylvania
School of Medicine

**AAI-BD Biosciences Investigator Award**
For outstanding, early-career research contributions to the field of immunology

**Nancy E. Street, Ph.D.**
University of Texas
Southwestern Medical Center

**AAI-Excellence in Mentoring Award**
In recognition of exemplary career contributions to a future generation of scientists

**Terri M. Laufer, M.D.**
University of Pennsylvania
School of Medicine