Browse our web site of recombinant proteins, including cytokines, growth factors, chemokines and neurotrophins. Daily shipping and competitive pricing are offered. Bulk quantities of many proteins available. Cell Sciences also carries corresponding antibodies and ELISA kits.
Join us for the

IMMUNOLOGY 2011™

Opening Night
Welcome Reception

Come directly from the President’s Address into the Grand Foyer of the Moscone Center to enjoy drinks and hors d’oeuvres, catch up with colleagues, relax from your travels, and plan your week.

Generously Sponsored by eBioscience, Inc.
You are cordially invited to attend
“Celebrating Immunology”

IMMUNOLOGY 2011™ GALA

Generously Sponsored by BioLegend

Sunday, May 15, 2011 | 7:00 PM – 9:30 PM

San Francisco Museum of Modern Art
151 Third Street

Attend the IMMUNOLOGY 2011™ Gala to celebrate the art of your science!
Enjoy music, hors d’oeuvres, and drinks. Docent-led tours of the museum’s stunning collection available throughout the evening.
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. Lauffer, 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](http://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](http://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](http://marc.faseb.org).
The American Association of Immunologists

2011 Advanced Course in Immunology
July 31 - August 5, 2011
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**

- **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. 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; for details, visit [http://marc.faseb.org](http://marc.faseb.org).
The American Association of Immunologists
Award Recipients for 2011

AAI Lifetime Achievement Award
The highest honor bestowed by the AAI Council upon an AAI member, in recognition of a career of scientific achievement and contributions to AAI and fellow immunologists

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

AAI Excellence in Mentoring Award
In recognition of an AAI member’s exemplary career contributions to a future generation of scientists

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

AAI Award for Human Immunology Research
For significant, sustained achievement in immunology research underlying 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

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

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

AAI Distinguished Service Award
In recognition of distinguished scientific accomplishment and extraordinary service to AAI

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

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

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

The 2011 AAI Award recipients will be recognized at the 98th AAI Annual Meeting
IMMUNOLOGY 2011™, May 13-17, San Francisco, CA
The mission of The American Association of Immunologists (AAI) is to advance knowledge of immunology and related disciplines, foster interchange of ideas and information among scientists, and promote understanding of the field of immunology.

REGULAR MEMBERSHIP BENEFITS

- Membership in the largest and most prestigious professional association of immunologists in the world
- Effective representation! Your views and concerns on research funding and science policy are brought to Congress and federal agencies by professional staff and member-driven committees working together to advance immunology research and address issues that affect members’ careers
- Voting privileges in AAI elections and actions
- Eligibility for prestigious AAI career and travel awards
- Eligibility to serve on AAI committees: help determine the direction of AAI and serve the larger scientific community
- Reduced registration and abstract submission fees to the AAI Annual Meetings
- Privilege of leading major sessions at the AAI Annual Meetings
- Reduced registration fees to the AAI Introductory and Advanced Immunology Courses
- A subscription to The Journal of Immunology (print and/or online) and access to the full digital archive
- No submission fee for manuscripts submitted to The Journal of Immunology
- Significantly reduced color figure charges for manuscripts published in The Journal of Immunology
- Eligibility to serve on the Editorial Board of The Journal of Immunology
- Reduced subscription rates to other immunology journals
- A subscription to the AAI Newsletter
- Membership in the Federation of American Societies for Experimental Biology (FASEB) and in the International Union of Immunological Societies (IUIS)
- Inclusion in, and online access to, the FASEB Directory of Members
- Voting privileges in AAI elections and actions
- Eligibility for prestigious AAI career and travel awards
- Eligibility to serve on AAI committees: help determine the direction of AAI and serve the larger scientific community
- Reduced registration and abstract submission fees to the AAI Annual Meetings
- Privilege of leading major sessions at the AAI Annual Meetings
- Reduced registration fees to the AAI Introductory and Advanced Immunology Courses
- A subscription to The Journal of Immunology (print and/or online) and access to the full digital archive
- No submission fee for manuscripts submitted to The Journal of Immunology
- Significantly reduced color figure charges for manuscripts published in The Journal of Immunology
- Eligibility to serve on the Editorial Board of The Journal of Immunology
- Reduced subscription rates to other immunology journals
- A subscription to the AAI Newsletter
- Membership in the Federation of American Societies for Experimental Biology (FASEB) and in the International Union of Immunological Societies (IUIS)
- Inclusion in, and online access to, the FASEB Directory of Members

To obtain additional information, please contact:
AAI Membership Office
9650 Rockville Pike, Bethesda, MD 20814-3994
Phone: 301-634-7195 • Fax: 301-634-7733
members@aai.org • www.aai.org