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The American Association of Immunologists *2010 Introductory Course in Immunology*

June 26 - July 1, 2010

The University of Pennsylvania, Philadelphia, PA

Course Director: Terri M. Laufer, M.D., University of Pennsylvania School of Medicine

Course 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 an 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 (June 26 - 28)** is a detailed introduction to the basic principles of immunology and is suitable for students with a general biology background. **Part II (June 29 - July 1)** 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

- **Terri M. Laufer**, University of Pennsylvania School of Medicine
Welcome and 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 Magarian 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
- **Christopher A. Hunter**, University of Pennsylvania School of Veterinary Medicine
Cytokines
- **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
- **Juan J. Lafaille**, New York University School of Medicine
Autoimmunity
- **David Artis**, University of Pennsylvania School of Veterinary Medicine
Mucosal Immunology
- **Achsah D. Keegan**, University of Maryland School of Medicine
Type 2 Immune Responses and Asthma
- **Robert H. Vonderheide**, University of Pennsylvania School of Medicine
Tumor Immunology
- **Padmini Salgame**, University of Medicine and Dentistry of New Jersey
Immunity to Bacterial Pathogens
- **E. John Wherry**, The Wistar Institute
Immunologic Memory to Intracellular Pathogens
- **Phillip A. Scott**, University of Pennsylvania School of Veterinary Medicine
Immunity to Eukaryotic Parasites
- **David B. Weiner**, University of Pennsylvania School of Medicine
Immunizations
- **Wayne W. Hancock**, Children's Hospital of Philadelphia
Transplantation
- **Donata Vercelli**, University of Arizona College of Medicine
Genetic Approaches to Immune-Mediated Diseases
- **Jordan S. Orange**, Children's Hospital of Philadelphia
Primary Immunodeficiencies
- **Susan B. Dillon**, Centocor, Inc.
Immunotherapies: From Lab to Clinic

- For complete course details and registration, visit www.aai.org/Courses.htm.
- For assistance, contact Kira Gantt at kgantt@aai.org or call (301) 634-7818.
 - 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 2010 Advanced Course in Immunology

July 25 - 30, 2010

The University of Minnesota, Minneapolis, MN

Course Director: Yoji Shimizu, Ph.D., University of Minnesota Center for Immunology
Course Co-Director: Stephen C. Jameson, Ph.D., University of Minnesota Center for Immunology

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

- **Yoji Shimizu**, University of Minnesota Center for Immunology
Welcome and Overview of the Course
- **Marc K. Jenkins**, University of Minnesota Center for Immunology
Anatomy of the Immune Response
- **Stefanie N. Vogel**, University of Maryland, Baltimore
Innate Immunity
- **Jeffrey S. Miller**, University of Minnesota Center for Immunology
NK Cells in Innate Immune Defense
- **Andrea J. Tenner**, University of California, Irvine
The Complement Cascade
- **Gwendalyn J. Randolph**, Mount Sinai School of Medicine
Integration of Innate and Adaptive Immunity: The DC
- **Barry P. Sleckman**, Washington University School of Medicine
The Generation and Modification of Lymphocyte Antigen Receptor Genes
- **Michael A. Farrar**, University of Minnesota Center for Immunology
B Cell Development
- **Kristin A. Hogquist**, University of Minnesota Center for Immunology
T Cell Development
- **David Masopust**, University of Minnesota Center for Immunology
Mucosal Immunity
- **Andrea J. Sant**, University of Rochester Medical Center
MHC-Restricted Antigen Presentation to T Cells
- **Stephen C. Jameson**, University of Minnesota Center for Immunology
Lymphocyte Memory
- **Christopher A. Hunter**, University of Pennsylvania School of Veterinary Medicine
Immune Response to Pathogens
- **Yoji Shimizu**, University of Minnesota Center for Immunology
Trafficking
- **Bryce A. Binstadt**, University of Minnesota Center for Immunology
T Cell Tolerance and Autoimmunity
- **Mark J. Shlomchik**, Yale University School of Medicine
B Cell Tolerance and Autoimmunity
- **Daniel D. Billadeau**, Mayo Clinic College of Medicine
Immune Receptor Signaling
- **Anita S. Chong**, University of Chicago
Immunobiology of Transplantation
- **Hirohito Kita**, Mayo Clinic College of Medicine
Asthma and Allergy
- **Matthew F. Mescher**, University of Minnesota Center for Immunology
Tumor Immunology
- **Joanne L. Viney**, Amgen, Inc.
Immunotherapeutics

• For complete course details and registration, visit www.aai.org/Courses.htm.

• For assistance, contact Kira Gantt at kgantt@aai.org or call (301) 634-7818.

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SUNDAY, MAY 9 ■ 7:00 PM–9:30 PM

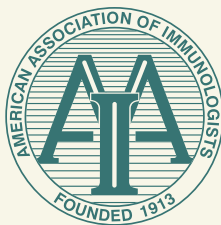
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IMMUNOLOGY 2012™

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