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AAI Courses in Immunology

2013 Introductory Course in Immunology
July 13–18, 2013
The University of Pennsylvania, Philadelphia, Pennsylvania

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

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. Parts I and II may be taken independently at the discretion of the student.

2013 Advanced Course in Immunology
July 28–August 2, 2013
Seaport World Trade Center, Boston, Massachusetts

Director: Leslie J. Berg, Ph.D.
University of Massachusetts Medical School

This intensive annual course is designed for serious students of immunology. Leading experts will present recent advances in understanding the biology of the immune system and its role in health and disease. This course is intended for advanced trainees and scientists who wish to expand or update their understanding of the field. This is not an introductory course, and attendees will need to have a firm understanding of the principles of immunology.

For more information visit www.aai.org/Education/Courses
Please direct inquiries to meetings@aai.org or 301-634-7178.
Financial support for underrepresented minority scientists is available through the FASEB MARC Program. Visit: http://marc.faseb.org.
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. Boussoitios, 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. Kaech, Yale School of Medicine
Lymphocyte Memory
Linda C. Burdly, 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.

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