



AAI Courses in Immunology

The American Association of Immunologists
2006 Introductory Course in Immunology

at the

University of Pennsylvania • Philadelphia, PA • June 23-29, 2006

Course Co-Directors: Terri Laufer, MD, University of Pennsylvania;
John Monroe, PhD, University of Pennsylvania

A comprehensive introduction to the basic principles of immunology offered by outstanding faculty in a two-part course. Suitable for students with a general biology background. Part I (June 24-26) covers the basic biology of the immune system. Part II (June 27-29) is a lecture series covering specific disciplines of immunology and emphasizing clinical relevance. Part II requires an understanding of basic immunology. Parts I and II may be taken separately at the discretion of the student. Course registration check-in starts June 23rd. The first lecture will start the morning of June 24th. 38 hours of CME will be offered.

APPLICATIONS MUST BE RECEIVED BY JUNE 2, 2006

Attendance is limited to 220 registrants.

The American Association of Immunologists
2006 Advanced Course in Immunology

at

Stanford University • Stanford, California • July 15-21, 2006

Course Director: Olivia M. Martinez, PhD, Stanford University

An intensive course 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 directed toward advanced trainees and scientists who wish to expand or update their understanding of the field. This is not an introductory course; attendees are required to have a firm understanding of the principles of immunology. Course registration check-in starts on July 15th; the first lecture will be that evening. 43 hours of CME will be offered.

APPLICATIONS MUST BE RECEIVED BY JUNE 2, 2006

Attendance is limited to 220 registrants.

**FOR INFORMATION, COURSE OUTLINES, AND REGISTRATION, VISIT:
www.aai.org/Courses.htm**

For questions or assistance in registering contact aaioffice@aai.org or **301-634-7178**.
Overseas applicants are advised to apply early for visas.

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www.jimmunol.org

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The American Association of Immunologists
2006 Introductory Course in Immunology

June 23 - 29, 2006

The University of Pennsylvania, Philadelphia, PA

This 38-hour, two-part course will give students the tools necessary to understand and discuss current topics and methods in the field of Immunology. Part I (June 24-26) is a comprehensive introduction to the basic principles of immunology and is suitable for students with a general biology background. Part II (June 26-29) is a lecture course covering major areas of immunology and will require an understanding of basic immunology. Parts I and II may be taken independently at the discretion of the student. 38 Continuing Medical Education (CME) Category I credits are offered.* Minority Access to Research Careers (MARC) travel awards are available. **Registration Deadline: June 2, 2006.**

Course Directors: Terri M. Laufer, M.D., and John G. Monroe, Ph.D., University of Pennsylvania School of Medicine

Part I: June 24-26

- **John Monroe**, Univ Penn Sch Med
Overview
- **Kathleen Sullivan**, Children's Hosp of Philadelphia
Innate immune systems
- **Jennifer Punt**, Haverford Col
Adaptive immune system and memory
- **John Monroe**, Univ Penn Sch Med
Molecular basis of diversity and antibody formation
- **David Allman**, Univ Penn Sch Med
B cell development
- **Terri Laufer**, Univ Penn Sch Med
Introduction to the MHC
- **Mickey Marks**, Univ Penn Sch Med
Antigen processing and presentation
- **Alfred Singer**, NCI, NIH
T cell development
- **Gary Koretzky**, Univ Penn Sch Med
Antigen receptor proximal signaling
- **Laurence Turka**, Univ Penn Sch Med
B and T cell activation and co-stimulation
- **Craig Thompson**, Univ Penn Sch Med
Lymphocyte homeostasis and apoptosis
- **Marc Jenkins**, Univ Minn Sch Med
Visualization of immune response: putting back the pieces

Part II: June 27-29

- **Andrew Caton**, Wistar Institute
T and B cell tolerance
- **Randolph Noelle**, Dartmouth Med Col
Lymphocyte activation and effector responses
- **Cathryn Nagler**, Mass Gen Hospital
Mucosal immunology
- **Betty Diamond**, Columbia Univ Med Ctr
From autoimmunity to autoimmune disease
- **Phillip Scott**, Univ Penn Sch Vet Med
Immunity to parasites
- **George Yap**, Brown Univ
Intracellular infections and infectious disease
- **Joel Ernst**, NYU Sch Med
Immunity to bacterial infections
- **Andy Hurwitz**, NIH
Tumor Immunology
- **Robert Seder**, NIAID, NIH
Vaccines
- **Arnold Levinson**, Univ Penn Sch Med
IgE-mediated hypersensitivity
- **Mary Ellen Conley**, Univ Tenn Med Group, Inc.
Immunodeficiencies
- **Wayne Hancock**, Children's Hosp of Philadelphia
Transplantation
- **Andrew Chan**, Genentech, Inc.
Current problems in clinical immunology

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* This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of the Federation of American Societies for Experimental Biology (FASEB) and the AAI. FASEB is accredited by the ACCME to provide CME for physicians. FASEB designates this educational activity for up to 38 credit hours in category 1 credit towards the AMA Physician's Recognition Award.



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Course Director: Olivia Martinez, Stanford University School of Medicine, Palo Alto, CA

FACULTY

- **Mitch Kronenberg**, La Jolla Inst for Allergy and Immunology
Innate immunity
 - **Lewis Lanier**, Univ of Cal, San Francisco
NK cells
 - **Gwendalyn Randolph**, Mt. Sinai Med Ctr
Dendritic cells
 - **Nilabh Shastri**, Univ of Cal, Berkeley
Antigen presentation and processing I
 - **Peter Jensen**, Univ of Cal, San Fran
Antigen presentation and processing II
 - **Ellen Rothenberg**, Cal Inst of Tech
T cell development
 - **Ann Feeney**, Scripps Res Inst
B cell development
 - **Chris Garcia**, Stanford Univ Sch Med
Structural basis of immune recognition
 - **Mark Davis**, Stanford Univ Sch Med
T cell antigen recognition
 - **Andrew Chan**, Genentech, Inc.
Signal transduction
 - **Fred Ramsdell**, Zymogenetics, Inc.
T regulatory cells
 - **Jason Cyster**, Univ of Cal, San Francisco
B cell activation and tolerance
 - **Michael Croft**, La Jolla Inst for Allergy & Immunology
Co-stimulatory molecules
 - **Charles Surh**, Scripps Res Inst
Memory and homeostasis
 - **Carl Ware**, La Jolla Inst for Allergy & Immunology
Mediators of the immune response
 - **Phillip Scott**, Univ of Penn
T cell response to pathogens
 - **William Robinson**, Stanford Univ Sch Med
Autoimmunity
 - **Phillip Greenberg**, Univ of Washington
Tumor Immunology
 - **Olivia Martinez**, Stanford Univ Sch Med
Transplantation immunology
- **KEYNOTE SPEAKER**
Art Weiss, Univ of Cal, San Francisco
T cell receptor signaling

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