CONTINUING MEDICAL EDUCATION (CME)

The Federation of American Societies for Experimental Biology is accredited by the Accreditation Council for Continuing Medical Education to sponsor continuing medical education for physicians. This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of The Federation of American Societies for Experimental Biology and The American Association of Immunologists.

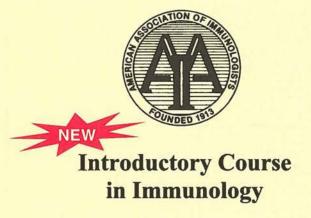
Category I Continuing Medical Education (CME) credits toward the American Medical Association Physician's Recognition Award will be offered at this meeting. CME application forms will be available in The American Association of Immunologist's office and at the meeting. There is a \$35 application fee, payable upon submission of the form after completion of the course. For more information, please contact the FASEB Office of Scientific Meetings and Conferences at telephone (301) 530-7010, fax (301) 530-7014, e-mail mcgovern@faseb.org

Meeting Objective/Target Audience

At the completion of this course, participants should be able to: 1) discuss the research underway and/or the current topics relevant to their areas of interest in immunology; 2) demonstrate a gained level of insight into the methods being used by researchers and practitioners in this field; and 3) more fluently discuss areas of interest and interact with speakers and instructors. This meeting is targeted to clinical practitioners, research scientists, and biomedical education professionals.

PROGRAM

The American Association of Immunologists



at Tufts University

June 22-29, 2002

under the auspices of the AAI Education Committee:

Leslie J. Berg, Chair Marc K. Jenkins Jill Marie Manske Elizabeth D. Mellins Judith A. Owen Mark Schlissel John R. Schreiber Ronald H. Stevens Nancy E. Street

For more information or to register, go to www.aai.org or phone 301-530-7178

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PARTI

Saturday, June 22

2:00-5:00pm Check-in Dinner (5:00-6:30pm) Session I (6:30-9:30pm) [Break 7:50-8:10pm]

- Leslie Berg, University of Massachusetts Introduction
- Ron Germain, NIAID, NIH The immune system in good times and bad – protection from infection, with a price
- Judith Owen, Haverford College
- Jennifer Punt, Haverford College Introduction to Part I of the course

Part I will be taught by Drs. Owen and Punt, with the exception of the lecture by Shannon Bromley, as noted below.

Sunday, June 23

Session I (9:00am-12:00pm) [Break 10:20-10:40am] Introduction to the immune system The players: tissues, cells and molecules of the immune system The Clonal Selection Hypothesis Innate immunity

Cellular components

Pattern recognition receptors

Lunch Break (12:00-1:30pm)

Session II (1:30-4:30pm) [Break 2:50-3:10pm]

Adaptive immune system

Macrophages and dendritic cells (Antigen Presenting Cells)

□ Lymphocytes and their receptors: structure and genetics

 Shannon Bromley, Massachusetts Gen. Hosp. The role of chemokines in the immune response

Dinner Break (4:30-6:30pm)

Session III (6:30-9:30pm) [Break 7:50-8:10pm] Antigen presentation MHC and MHC restriction Compartmentalization of antigen presentation

Monday June 24

Session I (9:00am-12:00pm) [Break 10:20-10:40am] *T cell activation* Costimulation and the immunological synapse *T cell subsets and functionalities; the leprosy story*

Lunch Break (12:00-1:30pm)

Session II (1:30-4:30pm) [Break 2:50-3:10pm]

Effector cells in the immune system

- □ Humoral immunity: B cells
- Cell mediated immunity: Th1 cells and CTLs
- □ The influenza story

Dinner Break (4:30-6:30pm)

Session III (6:30-9:30pm) [Break 7:50-8:10pm] T and B cell development

Antigen independent and dependent events

Central and peripheral tolerance induction

Tuesday, June 25

Session I (9:00am-12:00pm) [Break 10:20-10:40am] Peripheral homeostasis: death and survivala return to the big picture

PART II

Wednesday, June 26

2:00-5:00pm Check-in Dinner (5:00-6:30pm) Session I (6:30-9:30pm) [Break 7:50-8:10pm]

- Leslie Berg, University of Massachusetts
 Introduction
- Jay Berzofsky, NCI, NIH HIV and vaccine development

Thursday, June 27

Session I (9:00am-12:00pm) [Break 10:20-10:40am]

 JoAnne Flynn, University of Pittsburgh Immunity to infections

Lunch Break (12:00-1:30pm)

Session II (1:30-4:30pm) [Break 2:50-3:10pm]

 Robert Schleimer, Johns Hopkins Asthma and Allergy Center Pathogenesis of allergic disease

Dinner Break (4:30-6:30pm)

Session III (6:30-9:30pm) [Break 7:50-8:10pm]

 David Sachs, Harvard Medical School Transplantation immunology

Friday, June 28

Session I (9:00am-12:00pm) [Break 10:20-10:40am]

 Yvonne Paterson, University of Pennsylvania Tumor immunology

Lunch Break (12:00-1:30pm)

Session II (1:30-4:30pm) [Break 2:50-3:10pm]

 Jerry McGhee, University of Alabama, Birmingham Mucosal immunity

Dinner Break (4:30-6:30pm)

Session III (6:30-9:30pm) [Break 7:50-8:10pm]

 Diane Mathis, Harvard Medical School Autoimmunity and tolerance

Saturday, June 29

Session I (9:00am-12:00pm) [Break 10:20-10:40am]

 Stefanie Vogel, Uniformed Services University of the Health Sciences
 Signal transduction in innate immunity