



Basic Immunology in Medicine

Monday, June 19, 2023
Boston Marriott Copley Place
Boston, Massachusetts

Course Directors:

Andrew Lichtman, MD, PhD
Brigham & Women's Hospital

Shiv Pillai, MD, PhD
Ragon Institute of MGH, MIT and Harvard

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Immunology Societies www.focisnet.org

Agenda



8:00-8:30 AM	Continental Breakfast
8:30-9:00 AM	Introduction to the Immune System – Shiv Pillai, MD, PhD
9:00-10:00 AM	Innate Immunity – Andrew Lichtman, MD, PhD
10:00-10:15 AM	Break
10:15-11:15 AM	Antigen Presentation and T Cell Activation and Costimulation – Shiv Pillai, MD, PhD
11:15 AM-12:15 PM	CD8 ⁺ Effector Cells and NK Cells – Andrew Lichtman, MD, PhD
12:15-1:00 PM	Lunch
1:00-2:00 PM	CD4 ⁺ T Cells and Types 1, 2, 3 Immunity – Andrew Lichtman, MD, PhD
2:00-3:00 PM	T Cell Regulation and Tolerance – Shiv Pillai, MD, PhD
3:00-3:30 PM	Break
3:30-4:30 PM	T-B Collaboration – Shiv Pillai, MD, PhD
4:30-5:30 PM	Tumor Immunity – Andrew Lichtman, MD, PhD
5:30 PM	Adjourn

Overall Learning Objectives

At the conclusion of this course, attendees will be able to:

- Describe the major advances in basic immunology that are most relevant to human diseases, and the unresolved issues and future challenges.
- Recognize the fundamental mechanisms underlying immunologic diseases and the commonality among diverse organ specific disease states.
- Identify the basic principles underlying therapeutic modulation of the immune system, and the mechanisms of action of the major classes of immune modulators.
- Critically evaluate the medical literature reporting advances pertinent to immune diseases and immunotherapies.
- Explain the rationale for use of new immunodiagnostic and immunotherapeutic modalities in patients.

CME Information

In the past, FOCIS has made it possible for participants to obtain CME credit for attending the educational courses. In order to enable all those involved in the research and treatment of immune-mediated diseases to participate in the exchange of ideas that contribute to the forward motion of the field, FOCIS will not offer CME credit for any course or session at the FOCIS annual meeting. Certificates of attendance will be available upon request after completion of the course evaluations and post-test.

Faculty



Andrew Lichtman, MD, PhD
Brigham & Women's Hospital



Shiv Pillai, MD, PhD
Ragon Institute of MGH,
MIT and Harvard

Faculty Disclosure

FOCIS requires resolution of all faculty conflicts of interest to ensure CME activities are free of commercial bias. The following faculty members have indicated that they have no relationship which, in the context of their presentation(s), could be perceived as a potential conflict of interest.

Andrew Lichtman
Shiv Pillai

Thank You to Our Sponsors

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San Francisco
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