



2024 ADVANCED COURSE IN IMMUNOLOGY

July 28 – August 2, 2024 | The Westin Copley Place | Boston, Massachusetts

Director: Wayne M. Yokoyama, M.D., DFAAI

Washington University School of Medicine

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. World-renowned immunologists 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 basic principles of immunology and laboratory techniques.

Faculty

Ulrich H. von Andrian, Harvard Medical School;
Ragon Institute of MGH, MIT, and Harvard

Anatomy of the Immune Response

Tajie H. Harris, University of Virginia
Neuroimmunology

Susan Carpenter, University of California, Santa Cruz
Innate Immunity: Gene Regulation

Wayne M. Yokoyama, Washington University
School of Medicine

Innate Immunity and NK Cell Responses to Pathogens and Tumors

Keith B. Elkon, University of Washington
Innate Immune Signaling: Nucleic Acid Sensors

Claudia Jakubzick, Geisel School of Medicine
at Dartmouth

Myeloid Cells in Immune Responses

Stephanie Eisenbarth, Northwestern University
Feinberg School of Medicine
Dendritic Cells

Eugene M. Oltz, The Ohio State University,
Wexner School of Medicine
The Generation and Modification of Lymphocyte Antigen Receptor Genes

Michael P. Cancro, University of Pennsylvania
Perelman School of Medicine
B Cell Development

Avery August, Cornell University
T Cell Development

Kai W. Wucherpfennig, Dana-Farber Cancer
Institute, Harvard Medical School
MHC-restricted Antigen Presentation to T Cells

Lawrence P. Kane, University of Pittsburgh
Signaling from Antigen Receptors

Stephen Jameson, University of Minnesota
Medical School
T Cell Memory

Deepta Bhattacharya, University of Arizona
B Cell Memory

Cathryn Nagler, University of Chicago
Effect of the Microbiome on Immunity

Sara Cherry, University of Pennsylvania
Perelman School of Medicine
Immune Response to Viruses

Julie Zikherman, University of California,
San Francisco, School of Medicine
B Cell Tolerance and Autoimmunity

Mark S. Anderson, University of California,
San Francisco, School of Medicine
T Cell Tolerance and Autoimmunity

Robert D. Schreiber, Washington University
School of Medicine
Tumor Immunology

Darrell J. Irvine, Massachusetts Institute
of Technology
Engineering and Modulating the Immune Response

Joanne L. Viney, Seismic Therapeutic
Immunotherapeutics

Helen C. Su, NIAID, NIH
Redefining Human Immunology

Galit Alter, Ragon Institute of MGH, MIT,
and Harvard
Vaccines

For complete course details and registration,
visit www.aai.org/Education/Courses/Advanced.
For assistance, contact (301) 634-7178 or meetings@aai.org.