



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.