The Journal of Impunation Systems of Impunation Systems of Impunation of

VOLUME 200, NUMBER 8 • APRIL 15, 2018 • WWW.JIMMUNOL.ORG



CAREER AWARD RECIPIENTS FOR 2018

The American Association of Immunologists proudly announces the 2018 recipients of AAI Awards for outstanding research and career achievements.

AAI Lifetime Achievement Award



Laurie H. Glimcher, M.D. Dana-Farber Cancer Institute, Harvard Medical School

In recognition of a remarkable career of scientific achievement and contributions to AAI and the immunology community

AAI Distinguished Service Award



Wendy L. Havran, Ph.D. The Scripps Research Institute

For enduring and exemplary service to AAI and the immunology community

AAI Excellence in Mentoring Award



Marc K. Jenkins, Ph.D.
University of Minnesota Medical School
In recognition of exemplary career

In recognition of exemplary career contributions to a future generation of scientists

AAI-Steinman Award for Human Immunology Research



John J. O'Shea, M.D. NIAMS, NIH

For significant, sustained achievement in immunology research pertinent to human disease pathogenesis, prevention, or therapy

AAI-Thermo Fisher Meritorious Career Award

to the field of immunology



Akiko Iwasaki, Ph.D. HHMI, Yale School of Medicine For exceptional research contributions

AAI-BioLegend Herzenberg Award



Jason G. Cyster, Ph.D. HHMI, University of California, San Francisco

For outstanding contributions to the field of immunology in the area of B cell biology

AAI-BD Biosciences Investigator Award



Hai Qi, Ph.D.
Tsinghua University
For early-career achievement in immunology research

The 2018 AAI Award winners will be recognized at IMMUNOLOGY 2018[™], May 4–8, Austin, Texas.

www.**IMMUNOLOGY2018**.org





Visit the AAI Jobs Board!

A Free Recruiting Service for Registrants and Exhibitors only at IMMUNOLOGY 2018[™]

Post Online and Meet On-site

AAI is offering career services to both job seekers and employers through a Jobs Board free to meeting registrants and exhibitors at www.immunology2018.org/jobs-board.

Job Seekers!

Whatever your career stage, use this career service at IMMUNOLOGY 2018[™] to enhance your professional development.

Job Postings

Review the online AAI Jobs Board to identify postings you wish to pursue. View new Advance Postings through April 25. Watch for additional On-site Postings in the Exhibit Hall.

Direct Access to Recruiters

Job postings will include recruiters' e-mail addresses so that you can contact them directly.

Employers!

Advertise your position on the virtual Jobs Board located on the IMMUNOLOGY 2018[™] website. By including a contact email, you will receive inquiries directly.

Advance Postings

Postings will be accepted as of February 15 and will remain online until the end of the meeting. To post job listings in advance of the meeting, contact meetings@aai.org. Advance Postings must be submitted to AAI by April 25, 2018.

On-site Postings

After April 25, 2018, employers may still advertise a job on the IMMUNOLOGY 2018™ Jobs Board by visiting the AAI Office in the Austin Convention Center between 9:00 AM and 5:00 PM. Ads submitted on-site will be posted on the Jobs Board in the Exhibit Hall.

Save Thousands of Dollars in Recruiting Expenses

Take advantage of this complimentary hiring opportunity at IMMUNOLOGY 2018™. To register for the meeting, visit www.immunology2018.org/register.





The Journal of Immunology Influence Statement

Comprehensive • Authoritative • Foundational

The largest and oldest journal in the field offers unparalleled reporting of major advances in immunology research. Fully peer-reviewed by working scientists, reports are rapidly published and broadly cited.

Comprehensive

- Your "first stop" for major advances
- No triage! Every manuscript is peer-reviewed.
- · All editorial decisions made by practicing scientists
- Submission to first decision: 28 days
- Average time to online publication: 4 weeks
- · Fourth most frequently used journal for NIH-supported publications⁵

Authoritative

- · Cited more than any other immunology journal¹
- 5-year Impact Factor of 5.185, top 20% of immunology journals¹
- Ranked #1 for Eigenfactor² among immunology journals1
- Google Scholar h5-index is 95, sixth in the Immunology category³
- · Scimago H-index is 328, fourth amongst 200 Immunology journals4

The Journal of Immunology (The JI) is owned and published by The American Association of Immunologists, Inc., a non-profit association founded in 1913 that is dedicated to advancing the careers of scientists and promoting the field of immunological research.

- 1. 2016 Journal Citation Reports
- 2. "A journal's Eigenfactor score is our measure of the journal's total importance to the scientific community." http://www.eigenfactor.org/about.php, accessed 01/10/18
- 3. https://scholar.google.com/citations?view_op=top_venues&hl=en&vq=med_immunology, accessed 01/10/18
- 4. http://www.scimagojr.com/journalrank.php?category=2403&area=2400&order=h&ord=desc, accessed 01/10/18
- 5. http://nexus.od.nih.gov/all/2016/03/02/nih-publication-impact-a-first-look/, accessed 01/10/18

Foundational

- At 9.6 years1, the cited half-life is one of the longest in the field!
- Committed to rigorously performed research that moves the field forward
- Over 1.5 million page views and 330,000 PDF downloads per month





representing immunological research concerns on Capitol Hill. Plus, you gain access to:

- The best and brightest minds today.
- The world's largest annual all-immunology meeting.
- *The Journal of Immunology,* the pre-eminent peer-reviewed journal in the field.
- Many occasions and opportunities to present your research.
- Awards/fellowships/grants to support talented scientists in every career stage.

To learn more about how your professional life is enriched by membership in AAI, call 301.634.7195 or visit www.aai.org today.





2018 INTRODUCTORY COURSE IN IMMUNOLOGY

July 10-15, 2018 | UCLA Luskin Conference Center | Los Angeles, California

Director: Juan Carlos Zúñiga-Pflücker, Ph.D.

University of Toronto and Sunnybrook Research Institute

Don't miss the most comprehensive introduction to immunology available!

This intensive two-part course, taught by world-renowned immunologists, provides a comprehensive overview of the basics of immunology. This course is for students new to the discipline or those seeking more information to complement general biology or science training. Part I (July 10–12) is a detailed introduction to the basic principles of immunology and is suitable for students with a general biology background. Part II (July 13–15) is a clinically oriented lecture series focusing on specialty areas.

Parts I and II may be taken independently at the discretion of the student.

Faculty

Juan Carlos Zúñiga-Pflücker, University of Toronto and Sunnybrook Research Institute Introduction to the Immune System

Lewis L. Lanier, University of California, San Francisco Innate Immunity: Introduction to the Cells

Deborah A. Fraser, California State University Long Beach Complement

Helen S. Goodridge, Cedars-Sinai Medical Center Innate Immunity: Introduction to Pattern Recognition and Intracellular Signaling

Julie M. Jameson, California State University San Marcos

Introduction to Adaptive Immunity

David Nemazee, The Scripps Research Institute **B Cell Development and Maturation**

Nilabh Shastri, University of California, Berkeley Antigen Processing and Presentation

Juan Carlos Zúñiga-Pflücker, University of Toronto and Sunnybrook Research Institute MHC Restriction and Thymic Selection

Shannon J. Turley, Genentech, Inc.
Dendritic Cells: The Bridge Between Innate and
Adaptive Immunity

Michael Croft, La Jolla Institute for Allergy and Immunology

Effector T Cell Differentiation and Response

Shane Crotty, *La Jolla Institute for Allergy and Immunology*

B Cell Activation and Humoral Immunity

M. Carrie Miceli, University of California Los Angeles Signaling in the Immune System Stephen M. Hedrick, University of California, San Diego Host-Pathogen Co-evolution in Human Beings: the Red Queen and the Grim Reaper

Lisa Osborne, *University of British Columbia Cytokines*

Megan K. Levings, University of British Columbia T and B Cell Tolerance

Matthias G. von Herrath, La Jolla Institute for Allergy and Immunology Autoimmunity

Jonathan S. Maltzman, Stanford University Solid Organ Transplantation

Peter B. Ernst, *University of California, San Diego Mucosal Immunology*

Marion Pepper, University of Washington Type 2 Immunity

Martin Prlic, Fred Hutchinson Cancer Research Center Immunologic Memory

Robert L. Modlin, University of California, Los Angeles David Geffen School of Medicine Immunity to Bacterial Pathogens

Elina Zuniga, University of California, San Diego Immunity to Viruses

Antoni Ribas, *University of California, Los Angeles Tumor Immunology*

Jennifer Puck, University of California, San Francisco Genetic Approaches to Immune-Mediated Diseases

Nicole Frahm, Fred Hutchinson Cancer Research Center Vaccination

Andrew C. Chan, Genentech, Inc.
Bench to Bedside to Bench: Current Issues in Immunology

For complete course details and registration, visit: www.aai.org/Education/Courses

For assistance, contact (301) 634-7178 or meetings@aai.org. Overseas applicants are advised to apply early for visas; for details, see Visa Information tab at www.aai.org/Education/Courses/Introductory.

Financial support for underrepresented minority scientists is available through the FASEB MARC Program; for details, visit www.faseb.org/Professional-Development-and-Diversity-Resources/Travel-Awards.aspx.



2018 ADVANCED COURSE IN IMMUNOLOGY

July 22-27, 2018 I Seaport World Trade Center I Boston, Massachusetts

Director: Ulrich H. von Andrian, M.D., Ph.D.

Harvard Medical School and Ragon Institute of MGH, MIT and Harvard

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. Leading experts 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 principles of immunology.

Faculty

Ulrich H. von Andrian, Harvard Medical School Ragon Institute of MGH, MIT and Harvard **Anatomy of the Immune Response**

Jonathan C. Kagan, Children's Hospital Boston Harvard Medical School Innate Immunity: Pattern Recognition and

Innate Immunity: Pattern Recognition and Anti-microbial Mechanisms

Bruce Horwitz, Brigham and Women's Hospital Harvard Medical School Innate Immunity: Gene Regulation

Wayne M. Yokoyama, Washington University School of Medicine

NK Cells — Their Receptors and Function in Health and Disease

Paul Kubes, University of Calgary Innate Immunity: Cellular Mechanisms

Tanya Mayadas, Brigham and Women's Hospital Harvard Medical School Neutrophils in Sterile Inflammation

Kang Liu, Columbia University Dendritic Cells

Eugene M. Oltz, Washington University School of Medicine

The Generation and Modification of Lymphocyte Antigen Receptor Genes

Lisa A. Borghesi, University of Pittsburgh School of Medicine **B Cell Development**

Avinash Bhandoola, NCI, NIH T Cell Development

Kai W. Wucherpfennig, Dana-Farber Cancer Institute Harvard Medical School MHC-restricted Antigen Presentation to T Cells Leslie J. Berg, University of Massachusetts Medical School Signaling from Antigen Receptors

David Masopust, University of Minnesota Center for Immunology T Cell Memory

Facundo Batista, Ragon Institute of MGH, MIT and Harvard B Cell Memory

Arup K. Chakraborty, *Massachusetts Institute* of *Technology*

Computational Modeling of Immunological Processes

Brian A. Cobb, Case Western Reserve University School of Medicine Glycoimmunology

Simon P. Hogan, *Cincinnati Children's Hospital Mucosal Immunity*

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

Shabaana A. Khader, Washington University School of Medicine

Immune Response to Pathogens

Eric Meffre, Yale University
B Cell Tolerance and Autoimmunity

David A. Hafler, Yale School of Medicine T Cell Tolerance and Autoimmunity

Jonathan Kipnis, University of Virginia School of Medicine

Neuroimmunology

Lisa H. Butterfield, *University of Pittsburgh Tumor Immunology*

Joanne L. Viney, Pandion Therapeutics **Immunotherapeutics**

Also included will be a lecture on Vaccines

For complete course details and registration, visit: www.aai.org/Education/Courses

For assistance, contact **(301) 634-7178** or **meetings@aai.org**. Overseas applicants are advised to apply early for visas; for details, see Visa Information tab at **www.aai.org/Education/Courses/Advanced**.

Financial support for underrepresented minority scientists is available through the FASEB MARC Program; for details, visit www.faseb.org/Professional-Development-and-Diversity-Resources/Travel-Awards.aspx.