Fellowship Overview

Recognizing the vital role cross-trained scientists play in furthering immunology research, this fellowship program is intended to promote understanding and communication between immunology researchers and computational scientists. A PI may apply for a one-year fellowship, which will support a postdoctoral fellow trained in basic bench research to train in computational science, or a postdoctoral fellow in computational science to train in an immunology research lab to learn basic immunological principles and laboratory techniques. Reciprocal six-month exchanges between labs will also be considered.

Eligibility

One of the collaborating PIs must be an AAI member in good standing. If the PI is a research immunologist, he/she must be independent. Applicants may request salary support for a maximum of one postdoctoral fellow for one year, or two postdocs for six months each. Trainees must be in years one through five of postdoctoral training in the physical/mathematical/computational sciences, immunology, or related fields. Postdoctoral fellows who have completed five years of training and transitioned into a second postdoctoral position will be considered on a case-by-case basis.

Review Process

Award consideration is based on a combination of the qualifications of the applicant, the merit of the PI's proposed project, the potential of the trainee, and the quality of the training environment.

For more information or to apply, visit www.aai.org/Intersect. Please direct inquiries to fellowships@aai.org.

APPLICATIONS OPEN JUNE 1
APPLICATIONS CLOSE SEPTEMBER 1

If the application deadline falls on a weekend day or a federal holiday, applications will be due on the next regular business day.
2021 VIRTUAL INTRODUCTORY COURSE IN IMMUNOLOGY

July 12–17, 2021

Director: Helen S. Goodridge, Ph.D.
Cedars Sinai Medical Center

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

This comprehensive course, taught online by leading experts, provides an in-depth 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. After the presentation of basic principles, clinically oriented lectures will incorporate these concepts.

Faculty

Helen S. Goodridge, Cedars-Sinai Medical Center
Introduction to the Immune System

Lewis L. Lanier, University of California, San Francisco
Innate Immunity: Cells and Functions

Deborah A. Fraser, California State University, Long Beach
Complement

Helen S. Goodridge, Cedars-Sinai Medical Center
Pattern Recognition Receptors

Christine Moussion, Genentech
Dendritic Cells: The Bridge Between Innate and Adaptive Immunity

David Nemazee, Scripps Research
B Cell Development and Maturation

Lisa K. Denzin, Child Health Institute of New Jersey, Rutgers
Antigen Processing and Presentation

Juan Carlos Zúñiga-Pflücker, University of Toronto and Sunnybrook Research Institute
T Cell Development

Marion Pepper, University of Washington
Effector T Cell Differentiation and Response

Shane Crotty, La Jolla Institute for Immunology
B Cell Activation and Humoral Immunity

Stephen M. Hedrick, University of California, San Diego
Host-Pathogen Co-evolution in Human Beings: the Red Queen and the Grim Reaper

Paul Kubes, University of Calgary
Orchestrating the Immune Response

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

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

Lawrence Steinman, Stanford University
Neuroimmunology

Steven F. Ziegler, Benaroya Research Institute
Type 2 Immunity

Prosper N. Boyaka, The Ohio State University
Mucosal Immunology

Martin Prlic, Fred Hutchinson Cancer Research Center
Immunologic Memory

Manuela Raffatellu, University of California, San Diego
Immunity to Bacterial Pathogens

Ilhem Messaoudi, University of California, Irvine
Immunity to Viruses

Stephen L. Shaio, Cedars-Sinai Medical Center
Tumor Immunology

Jennifer Puck, University of California, San Francisco
Immunodeficiency Disorders

Stephen De Rosa, Fred Hutchinson Cancer Research Center
Vaccination

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

Olivia M. Martinez, Stanford University
Solid Organ Transplantation

Lisa Osborne, University of British Columbia
Immunotherapeutics Targeting Cytokines

For complete course details and registration, visit www.aai.org/IntroCourse.
For assistance, contact (301) 634-7178 or meetings@aai.org.
Fellowship Overview
This fellowship program provides one year of salary support to postdoctoral fellows who have taken a leave of absence of one year or more due to military obligations, personal or family medical leave, or other related family circumstances. These reasons may include recovering from a serious illness, providing elder or child care, fulfilling a military obligation, or relocating due to a spousal career transition.

Eligibility
- An applicant must have a tentative written offer of appointment as a postdoctoral fellow.
- The fellowship must be in immunology or a related field.

Award consideration is based on a combination of the merit of the research project, quality of the training environment, research and career accomplishments, and career potential.

APPLICATIONS OPEN JUNE 1
APPLICATIONS CLOSE SEPTEMBER 1

For more information or to apply, visit www.aai.org/Reentry. Please direct inquiries to fellowships@aai.org.

If the application deadline falls on a weekend day or a federal holiday, applications will be due on the next regular business day.