• Banded Neutrophils on the Move
• Migration of *Salmonella enterica* in the Lymph
• Abin-1 as an NLR Interaction Partner
• Suppressive Neutrophils in CVID Patients
• Review: New Generation of Attenuated Vaccines for Malaria
• Review: Small Molecules for Tumor Immunotherapy
Coming in the January 15, 2019, issue of

The Journal of Immunology

“Immunity to Influenza: Closing in on a Moving Target”

A series of reviews that cover the broad spectrum of factors contributing to disease severity, protection, and vaccine design for this elusive pathogen.
Applications are invited for the following AAI Travel Awards and Grants, which annually foster the promise and professional development of investigators at all career stages.

**Lefrançois-BioLegend Memorial Award**
Established to honor the memory of AAI member Dr. Leo Lefrançois, this award is intended to advance the career of a trainee who attends the AAI annual meeting and presents an outstanding abstract specifically in the area of mucosal immunology. The award recipient will receive a $1,000 cash award and a certificate during an awards presentation program at the AAI annual meeting. This award is generously supported through a grant from BioLegend and donations from friends and colleagues of Dr. Lefrançois.

**AAI Trainee Poster Awards**
These awards provide up to $300 in travel reimbursement to AAI trainee members whose first-author abstracts submitted to the AAI annual meeting are selected for poster sessions only and found to be exceptional by the AAI Abstract Programming Chairs. Selection is based on the originality and significance of the research being presented.

**Pfizer-Showell Travel Award**
This award recognizes the professional promise of an early career investigator (assistant professor or equivalent) by assisting the award recipient with travel to the AAI annual meeting. Selection is based on career progress and submission of an outstanding abstract selected for oral presentation in a block symposium at the meeting. The award recipient will be recognized and presented with a certificate at an awards presentation program at the AAI annual meeting. Support of up to $1,500 will be provided for meeting registration and travel. This award is supported through an endowment from Henry J. Showell and Pfizer, Inc.

**AAI-Thermo Fisher Trainee Achievement Awards**
These awards recognize up to six promising trainees in the field of immunology. Selection is based on career promise and presentation of an outstanding first-author abstract selected for oral presentation in a block symposium. Award recipients will receive a $1,000 cash award and reimbursement for meeting expenses. These awards are generously supported by Thermo Fisher Scientific.

**AAI Early Career Faculty Travel Grants**
These grants assist young investigators (assistant professor or equivalent) in attending the AAI annual meeting. Recipients will be reimbursed up to $1,250 for registration and travel expenses.

**Chambers-Thermo Fisher Scientific Memorial Award**
Established to honor the memory of AAI member Dr. Cynthia Chambers, this award is intended to advance the career of an early career scientist who attends the AAI annual meeting and presents an outstanding abstract specifically in the area of cancer biology. The award recipient will receive a $1,000 cash award and a certificate during an awards presentation program at the AAI annual meeting. This award is generously supported through a grant from Thermo Fisher Scientific.

**Lustgarten-Thermo Fisher Scientific Memorial Award**
Established to honor the memory of AAI member Dr. Joseph Lustgarten, this award is intended to advance the career of a mid-career scientist who attends the AAI annual meeting and presents an outstanding abstract specifically in the area of immune regulation. The award recipient will receive up to $1,250 in travel reimbursement and a certificate during an awards presentation program at the AAI annual meeting. This award is generously supported through a grant from Thermo Fisher Scientific.

**AAI Trainee Abstract Awards**
These awards provide up to $750 in travel reimbursement to AAI trainee members whose first-author abstracts submitted to the AAI annual meeting are selected for presentation in block symposia.

**AAI Undergraduate Faculty Travel Grants**
These grants assist undergraduate faculty in attending the AAI annual meeting. Each grant will also support travel costs for an undergraduate student of the recipient’s selection. A grant of up to $1,250 is awarded to the undergraduate faculty member, and a grant of up to $1,000 is awarded to the selected undergraduate student.

**AAI Laboratory Travel Grants**
These grants assist mid-career and senior investigators in attending the AAI annual meeting. Applicants must hold an appointment of associate professor, full professor, or equivalent; have limited research funding; and be a first or last author on one or more abstracts submitted to the AAI annual meeting. Each grant will provide two travel awards of up to $1,250 each: one to the PI or laboratory director and another to a member of his or her lab, chosen by the PI or laboratory director. Recipients will be reimbursed for registration and travel expenses.

The FASEB DREAM Program is supporting Poster/Platform (Oral) Presenter Travel Awards for underrepresented minority scientists; for details, visit www.faseb.org/Professional-Development-and-Diversity-Resources.aspx.

For complete AAI Travel Award and Grant application details, visit www.AAI.org/Awards.
Trainees—Build Your CV at IMMUNOLOGY 2019™

Submit an abstract to IMMUNOLOGY 2019™ to become eligible for one of the many awards offered to trainee members. Over 450 travel awards are offered annually! Also take advantage of the numerous career development sessions.

TRAVEL AWARDS AND GRANTS (Available to AAI trainee members)

AAI-Thermo Fisher Trainee Achievement Awards
Recognizing as many as six promising AAI trainees for outstanding first-author abstracts selected for Block Symposia.

AAI Trainee Abstract Awards
Providing travel support to AAI trainees whose first-author abstracts are selected for presentation in Block Symposia.

Lefrançois-BioLegend Memorial Award
Advancing the career of an AAI trainee presenting an outstanding abstract specifically in the area of mucosal immunology.

AAI Trainee Poster Awards
Providing travel support to AAI trainees whose first author abstracts are selected for poster sessions only and found to be exceptional by the AAI Abstract Programming Chairs.

Join AAI and submit an abstract by January 14, 2019, to be eligible.

For complete AAI Travel Award and Grant application details, visit www.AAI.org/Awards.

For membership info, visit www.AAI.org/membership.

CAREER DEVELOPMENT SESSIONS (Available to all meeting attendees)

Careers in Biotech Panel and Networking; Careers and Networking Roundtables; How to Convert your CV into a Resume; Interviewing for a Job; Secrets for a Successful Postdoctoral Fellowship

For up-to-date information regarding career development activities offered at IMMUNOLOGY 2019™, visit www.IMMUNOLOGY2019.org/scientific-program.
AAI Programs to Benefit Your Lab’s Current or Future Research

AAI Careers in Immunology Fellowship

**KEY DATES**  
APPLICATIONS OPEN  
JANUARY 15  
APPLICATIONS CLOSE  
MARCH 15

These fellowships provide AAI member PIs with one year of salary support for a graduate student or postdoctoral fellow in their labs. Member PIs in good standing with less than $250,000 (excluding PI’s salary) in annual direct costs are eligible to apply.

Selection is based on the potential of the trainee, merit of the project, quality of the training environment, and financial need.

Direct inquiries to fellowships@aai.org.

AAI Travel for Techniques Award Program

**AWARDS CYCLE**  
APPLICATIONS OPEN  
WINTER DECEMBER 15  
SPRING APRIL 15  
FALL AUGUST 15

APPLICATIONS CLOSE  
FEBRUARY 15  
JUNE 15  
OCTOBER 15

The Travel for Techniques Award is given to member PIs, reimbursing up to $1,500 in expenses for travel to learn a new technique. Member PIs in good standing with less than $250,000 (excluding PI’s salary) in annual direct costs are eligible to apply.

Direct inquiries to awards@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.*

The American Association of Immunologists provides robust support for scientists through an array of fellowships, career awards, and travel grants. For complete details, visit www.aai.org/awards.
This comprehensive two-part course, taught 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. Part I (July 9–11) is a detailed introduction to the basic principles of immunology and is suitable for students with a general biology background. Part II (July 12–14) is a clinically oriented lecture series focusing on specialty areas. Parts I and II may be taken independently at the discretion of the student.

Established in 1966, 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.

For more information, visit www.aai.org/Education/Courses

Please direct inquiries to (301) 634-7178 or meetings@aai.org
The Career Advisory Board

A RESOURCE FOR SENIOR POSTDOCS AND EARLY-CAREER FACULTY

Have you just started your first lab? Trying to juggle research, teaching, and service?
Are you facing new and puzzling issues that an established scientist can answer?

The Career Advisory Board (CAB) is a referral service that matches senior postdocs (start of fourth year and beyond) and early-career PIs who submit requests for guidance on specific career issues with more senior scientists with experience and insights in those areas. The program is not meant to replace the mentoring programs at a scientist’s home institution, but rather to serve as a resource for senior postdocs and early-career PIs to obtain advice on a specific question from established investigators outside of their home institutions—often through a single phone call.

**Selected Topics**
Balancing family and work
Timing for first grant submission
Recruiting
Handling personnel issues
Managing a lab
Finding a mentor
Building networks
Preparing for leadership
Balancing service obligations
Teaching
Serving on NIH study sections

**ELIGIBILITY:** The CAB is open to all senior postdocs (start of fourth year and beyond) and early-faculty AAI members.

**APPLY HERE:** http://aai.org/CAB