



AAI NEWSLETTER

The American
Association of
Immunologists

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WINTER 2015-2016

**IMMUNOLOGY2016™:
Submission of AAI
Abstracts, Travel Award
Applications NOW OPEN!**

See pages 2, 5



IMMUNOLOGY 2016™



THE AMERICAN ASSOCIATION OF IMMUNOLOGISTS
MAY 13 – 17 | AAI ANNUAL MEETING | SEATTLE, WA



Call for 2016 Award Applications Deadline: January 12, 2016

Applications are invited for the following AAI Travel Awards and Grants, which annually foster the promise and professional development of investigators of 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 travel reimbursement to AAI trainee members (students and postdoctoral fellows) 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. Awardees will receive a \$1,000 cash prize and reimbursement for meeting expenses. *These awards are generously supported by Thermo Fisher Scientific Corporation.*

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-eBioscience 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 eBioscience, an Affymetrix Company.*

Lustgarten-eBioscience 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 travel reimbursement and a certificate during an awards presentation program at the AAI annual meeting. *This award is generously supported through a grant from eBioscience, an Affymetrix Company.*

AAI Trainee Abstract Awards

These awards provide up to \$500–750 travel reimbursement to AAI trainee members (students and postdoctoral fellows) 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 (registration for an undergraduate student is complimentary).

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

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

The 2016 AAI Awards will be presented in conjunction with

IMMUNOLOGY 2016™

May 13–17, 2016 • Seattle, Washington

Questions? Contact AAI at 301-634-7178 or awards@aai.org

FOCUS ON PUBLIC AFFAIRS

AAI Council Visits Capitol Hill to Advocate for NIH Funding



L-R: Wayne Yokoyama, Senator Roy Blunt (R-MO), Eugene Oltz, Clifford Harding

AAI Council members visited Capitol Hill on November 18 to advocate for increased funding for the National Institutes of Health (NIH). The group met with members or staff from 19 congressional offices representing seven states.

The Capitol Hill Day came at an opportune time, as Congress was working toward completing its funding bills for fiscal year (FY) 2016. The federal government was being funded by a short-term resolution through December 11, 2015, which provided agencies and programs with funding at last year's budget levels (for NIH, ~\$30.3 billion). With the prospect of another government shutdown if Congress had neither completed work on its spending bills by December 11 nor passed another resolution, the councillors also emphasized the importance of passing an appropriations bill that included funding for NIH.



L-R: Dan Littman, Pamela Fink, Senator Patty Murray (D-WA), Jeremy Boss, Lauren Gross

The AAI leaders urged Congress to provide a funding level of at least \$32 billion for NIH for FY 2016 (the recently-passed FY 2016 omnibus appropriations bill includes \$32 billion for NIH; see article on page 4). They also stressed that the optimal way to fund NIH is through predictable and sustained budget growth.

Participating in the Capitol Hill Day were: President Dan R. Littman, M.D., Ph.D.; Vice President Arlene H. Sharpe, M.D., Ph.D.; Past President Linda A. Sherman, Ph.D.; Secretary-Treasurer Edith M. Lord, Ph.D.; Councillors Wayne M. Yokoyama, M.D., Jeremy M. Boss, Ph.D., and Jenny P. Ting, Ph.D.; *ex officio* Councillors Eugene M. Oltz, Ph.D., and Pamela J. Fink, Ph.D.; and AAI Committee on Public Affairs Chair Clifford V. Harding, M.D., Ph.D. They were escorted by AAI Director of Public Policy and Government Affairs Lauren G. Gross, J.D.



L-R: Jenny Ting, Edith Lord, Pamela Fink, Kate Irwin [from Senator Maria Cantwell's office (D-WA)], Eugene Oltz



L-R: Andrew Cohen [from Senator Edward Markey's office (D-MA)], Arlene Sharpe, Dan Littman, Linda Sherman

FOCUS ON PUBLIC AFFAIRS

FY 2016 Appropriations Bill Includes Big Funding Increase for NIH

Largest Funding Increase for NIH in 12 Years

On December 18, Congress approved and President Obama signed into law an omnibus appropriations bill that provides an additional \$2 billion for NIH for FY 2016, an increase equal to the AAI funding recommendation for NIH.

The \$1.1 trillion omnibus appropriations bill includes funding for all federal government agencies and programs, and increases funding for most science agencies. The new law's \$2 billion increase for NIH (+6.6%) brings the total NIH budget to just over \$32 billion. It also boosts funding for the Centers for Disease Control and Prevention (+\$300 million), the National Science Foundation (+\$119 million), and the United States Department of Agriculture's Agriculture and Food Research Initiative (+\$25 million).

Some of the new NIH funding is earmarked for specific programs and categories of research. For example, the President's new Precision Medicine Initiative will receive \$200 million, while the BRAIN Initiative will receive an increase of \$85 million (for a total budget of \$150 million). The National Institute of Allergy and Infectious Diseases (NIAID) will receive an additional \$100 million for antimicrobial resistance research. The largest increase, \$350 million, will be allocated to research on Alzheimer's disease.

The new law also provides an increase of approximately four percent for each NIH Institute and Center. Report language accompanying the bill "urges the NIH Director to continue the traditional focus on basic biomedical research."

NIH Ends the Use of Chimpanzees in Biomedical Research

NIH Director Francis Collins, M.D., Ph.D., announced in November that the NIH would no longer maintain its chimpanzee colony for biomedical research. This decision follows the recent U.S. Fish and Wildlife Service (FWS) announcement that re-classified captive chimpanzees as endangered and a June 2013 decision by NIH to significantly reduce its use of chimpanzees in agency-supported research.

Collins justified this decision by citing the decline in chimpanzee use by biomedical researchers; the colony that has been maintained by NIH has not been used in research since the new policy was implemented in 2013. In addition, no research exemption requests have been submitted to FWS since the endangered classification took effect.

NIH now faces a challenge in relocating its chimpanzees, which will be transferred to the Federal Sanctuary System, operated by Chimp Haven in Keithville, Louisiana. Because this facility has limited space, NIH will have to determine how and when to transfer the chimpanzees and where to house them until space is available.



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www.aai.org/

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IMMUNOLOGY 2016™

Annual Meeting of The American Association of Immunologists



MAY 13–17, 2016

WASHINGTON STATE CONVENTION CENTER
SEATTLE, WASHINGTON

Trainees—Build Your CV at IMMUNOLOGY 2016™

Submit an abstract to **IMMUNOLOGY 2016™** to become eligible for one of the many awards offered to trainee members. Over 400 travel awards are offered annually!

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

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AAI Trainee Poster Awards

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***Join AAI and submit an abstract by
January 12, 2016, 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

Also take advantage of the numerous career development sessions and resources at IMMUNOLOGY 2016™.

www.IMMUNOLOGY2016.org/scientific-program

Members in the News

AAI Members Elected to National Academy of Medicine

Four AAI members are among 80 scientists elected this fall as regular and international members of the National Academy of Medicine (NAM) in recognition of their distinguished and continuing achievements in original research. Election to the academy is considered one of the highest honors in the fields of health and medicine and recognizes individuals who have demonstrated outstanding professional achievement and commitment to service.

AAI members elected this year to NAM include Christopher Glass, Anna Huttenlocher, and Alexander Rudensky (NAM regular members) and Jean-Laurent Casanova (NAM international member). Profiled below, they will be inducted during the academy's annual meeting next October in Washington, D.C.



Christopher K. Glass

Christopher K. Glass, M.D., Ph.D., AAI '15,
Professor of Cellular and Molecular Medicine, Professor of Medicine, and Ben and Wanda Hildyard Chair in Hereditary Diseases, University of California, San Diego

Dr. Glass has long worked to elucidate the molecular mechanisms by which sequence-specific transcription factors, co-activators, and co-repressors regulate the

development and function of macrophages. Current efforts in his laboratory are directed toward both gene-specific and genome-wide analyses to unravel the contributions of specific factors to the development of specialized macrophage functions in immunity and the pathogenesis of inflammatory diseases. Specific lines of investigation include analysis of mechanisms by which macrophage-determining factors prime enhancers for subsequent actions of downstream transcription factors. Additional research includes studies of the mechanisms and functional consequences of enhancer transcription, with potential application to the development of "enhancer therapy." The lab uses genome-wide approaches to define the mechanisms by which developmental origin and tissue environment determine mouse and human macrophage functions in health and disease and analyzes natural genetic variation to understand macrophage transcription factor networks and their potential involvement in human disease. Together, these studies are providing insights relevant to the involvement of macrophages in

inflammatory diseases, including diabetes, atherosclerosis, and neurodegenerative diseases.

Glass has served as an NIH study section member and chair (endocrinology) and member of the National Diabetes and Digestive and Kidney Diseases Advisory Council. His additional career appointments include service on multiple boards and scientific review panels, including on behalf of the American Society for Clinical Investigation, X-Cepto Therapeutics, Karolinska Institute Cardiovascular Program, University of California, Los Angeles, External Advisory Board (National Heart, Lung, and Blood Institute Program Project Grant), and Radius Health. He has served as conference chair/co-chair for multiple Keystone and Gordon conferences and the Deuel Conference on Lipids and serves as director for his institution's Minority Summer Undergraduate Research Fellowship program.

His additional career honors and appointments include: elected member, American Academy of Arts and Sciences; Russell Ross Memorial Lecture, University of Washington; University Lecture, University of Texas Southwestern Medical Center; Plenary Lecture, Gordon Conference on Atherosclerosis; NIH Director's Transformative Research Award ("Enhancer Therapy"); Page Lecture, Cleveland Clinic; Havel Lecture, Deuel Conference; 50th Anniversary Lecture, *Journal of Lipid Research*, Kern Conference; adjunct professor, Salk Institute for Biological Studies; Sinclair Lecture, British Atherosclerosis Society; Honorary Doctor of Medicine, Linköping University; elected member, Association of American Physicians; Institute for Scientific Information (ISI) Highly Cited Researcher; Ernst Oppenheimer Award, Endocrine Society; elected member, American Society for Clinical Investigation; established investigator, American Heart Association (AHA); Wilson S. Stone Award, MD Anderson Cancer Research Center; Lucille P. Markey Scholarship for Biomedical Sciences; and Student Research Award, American Liver Foundation.

A biophysics graduate of the University of California, Berkeley, Glass received his M.D. and Ph.D. degrees from the University of California, San Diego (UCSD), where he trained as a postdoctoral fellow (research advisor: Michael Rosenfeld). He completed his internship and residency in internal medicine at Brigham and Women's Hospital, Harvard Medical School. In 1989, he joined the UCSD faculty as an assistant professor of medicine in residence, later attaining appointments as assistant professor (1991), associate professor (1995), and full professor (1999). Glass is associate director of the UCSD Medical Scientist Training Program and served from 1989 to 2000 as attending physician, Endocrine Consult Service and Endocrine Clinic, UCSD Medical Center.



Anna Huttenlocher

**Anna Huttenlocher, M.D.,
AAI '11,**
*Vilas Distinguished
Achievement Professor,
Departments of Pediatrics,
Medical Microbiology, and
Immunology, University of
Wisconsin School of Medicine
and Public Health*

Dr. Huttenlocher's research focuses on characterizing the cellular and molecular mechanisms that regulate cell migration with the dual

objective of contributing to the understanding of basic cellular processes and producing insight that may lead to the development of new therapeutics for human disease. With the use of in vivo zebrafish models, among other strategies, her research has delineated molecular and cellular mechanisms of leukocyte migration. Her pioneering work on neutrophil chemotaxis showed that neutrophils and other immune cells temporarily migrate to wound sites and then "reverse migrate" back into the vasculature to help resolve the local inflammatory response, counteracting the dogma at the time that suggested all neutrophils apoptose at the site of inflammation. Huttenlocher's lab has contributed a wealth of knowledge regarding the molecular and physical mechanics of chemotaxing cells and continues to dissect the mechanisms of cell motility, adhesion, and migration using in vivo imaging and other techniques. In addition to her basic science pursuits, Huttenlocher previously conducted studies concerning pediatric autoimmune diseases, including pediatric lupus and arthritis.

An elected member of the American Society for Clinical Investigation Council, Huttenlocher has served on multiple study sections on behalf of NIH (including as chair), the American Heart Association (AHA), and the Arthritis Foundation, as well as on review panels on behalf of the American College of Rheumatology (ACR), AHA, NIH/National Institute of Child Health and Human Development Pediatric Scientist Development Program, Wellcome Foundation, American Society for Cell Biology, Society of Pediatrics, and University of Minnesota M.D./Ph.D. program. She holds editorial board appointments with the *Journal of Cell Biology* and *Molecular Biology of the Cell* and has served as an invited reviewer for the *Journal of Cell Biology*, *Journal of Cell Science*, *Journal of Biological Chemistry*, *Science*, *Nature*, *Nature Cell Biology*, *Biophysical Journal*, *Journal of Leukocyte Biology*, *Proceedings of the National Academy of Sciences USA*, *Molecular Biology of the Cell*, *Journal of Neurosciences Methods*, *Journal of Allergy and Clinical Immunology*, *Lancet*, *Blood*, and *Arthritis and Rheumatism*.

Her additional career honors and appointments include: Community Leadership Award, Arthritis Foundation; elected member, Association of American Physicians; invited participant, Third Alliance for Academic Internal Medicine Consensus Conference on the Physician Scientist Investigator Workforce; speaker, Reproducibility in Science Workshop, National Institute of General Medical Sciences; site principal investigator, Childhood Arthritis and Rheumatology Research Alliance; international visiting professor, Kobe University, Japan; visiting professor in pediatric rheumatology, Cincinnati Children's Hospital; University of Wisconsin Mid-Career Kellett Award; Abercrombie Fund speaker, Podosomes/Invadopodia meeting (Madrid, 2011); Ben Abelson Lectureship, Washington University; American Pediatric Society (APS) Norman J. Siegel Outstanding Science Award; elected member, APS; Gordon Conference chair and co-chair; Banbury Conference co-chair; session co-chair, American College of Rheumatology (ACR); mentoring table leader, American Society of Cell Biology; Romnes Faculty Research Award, University of Wisconsin; Burroughs Wellcome Fund Clinical Scientist Award in Translational Research; elected member, American Society of Clinical Investigation; McClain Research Award (AHA); O'Dell Research Award in Pediatrics, University of Wisconsin—Madison; Shaw Scientist Award, Milwaukee Foundation; Howard Hughes Medical Institute (HHMI) Start-Up Award, University of Wisconsin College of Medicine; elected member, Society for Pediatric Research; Hulda Irene Duggan Arthritis Investigator and Arthritis Investigator Award, Arthritis Foundation; Senior Rheumatology Scholar Award, ACR; and Pediatric Scientist Training Fellowship, Association of Medical School Pediatric Department Chairs.

A biology graduate (with high honors) of Oberlin College, Huttenlocher received her M.D. from Harvard Medical School and completed her internship in pediatrics at the Children's Hospital, Boston. She served as a resident and then chief resident in pediatrics and as a clinical fellow in pediatric immunology/rheumatology, at the University of California, San Francisco (UCSF). She undertook additional postdoctoral training as a pediatric scientist training fellow at UCSF (mentors: Caroline Damsky; Zena Werb) and as a pediatric scientist training fellow and postdoctoral fellow at the University of Illinois at Urbana-Champaign (UIUC; mentor: Rick Horwitz). Huttenlocher was appointed a UIUC assistant professor in 1998 and in 2003, was named an associate professor at the University of Wisconsin, where she has been a full professor since 2007. Her current university appointments include director of pediatric immunology; director, Medical Scientist Training Program; and graduate trainer: Molecular and Cellular Pharmacology Graduate Program, Cell and Molecular Biology Graduate Program, and Microbiology Doctoral Training Program.

Members in the News (continued)



Alexander Y. Rudensky

Alexander Y. Rudensky, Ph.D., AAI '94,
Howard Hughes Medical Institute Investigator; Chairman, Immunology Program, and Director, Ludwig Center for Cancer Immunotherapy, Memorial Sloan Kettering Cancer Center

The overarching goal of Dr. Rudensky's work is to understand the molecular mechanisms governing the differentiation, plasticity, and

function of CD4⁺ T cells and their role in immunity and tolerance. He is well known for his work on regulatory T cells (Tregs) and the roles these cells play in immune tolerance, tumor immunity, and immunity to infections. Rudensky's group has contributed significantly to understanding the role of the transcription factor forkhead box p3 (Foxp3) in establishing and maintaining immune homeostasis, as well as the plasticity of Treg transcriptional and functional programs and the molecular mechanisms of Treg lineage stability. More recent studies have focused on epigenetic events and microRNAs that govern T cell function, particularly for Tregs, and the role environmental factors play in immune homeostasis.

An AAI Distinguished Lecturer in 2009, Rudensky was the 1999 recipient of the AAI-PharMingen Investigator Award. He is a past member of the AAI Awards Committee and has served on multiple occasions as a major symposium chair and speaker at the AAI annual meeting.

Rudensky has served on numerous NIH study sections and held additional review and advisory panel appointments on behalf of the National Cancer Institute (NCI), American Association for Cancer Research, Damon Runyon Foundation, Cancer Research Institute (CRI), Wellcome Trust, HHMI, EU SYBILLA Consortium, and the International Immunology Congress (ICI) International Program Committee (14th ICI, Osaka; 15th ICI, Rome). His continuing and past editorial board/reviewer appointments include service on behalf of *Oncotarget*, *Oncoimmunology*, *Cancer Immunology Research*, *International Immunology*, *Cell*, *Journal of Immunological Methods*, *Journal of Experimental Medicine*, *Immunity*, *Current Immunology Reviews*, *Proceedings of the National Academy of Sciences USA*, *Current Opinion in Immunology*, *Frontier in Inflammation*, and *European Journal of Immunology*.

Rudensky's additional career honors and appointments include: elected member, National Academy of Sciences; William B. Coley Award in Basic Immunology, CRI; ISI Highly

Cited Researcher; Thompson Reuters Citation Laureate; elected member, American Academy of Arts and Sciences; NIH MERIT Award; Julius Stone Award; Sandler Senior Investigator Award; Searle Scholar Award; Fahey-Rose Lecture, Clinical Immunology Society; organizer, Janeway Symposium, New Haven, CT; and Eminent Lecturer, NCI, NIH. He has served as a keynote speaker and session organizer at multiple Keystone Symposia and has presented named/distinguished lectures at institutions, including the University of Pennsylvania, MD Anderson Cancer Center, Scripps Research Institute, National Jewish Health, Yale University, Genomics Institute of the Novartis Research Foundation, Case Western Reserve University, University of Virginia, University of Washington, Memorial Sloan Kettering Cancer Center, Fox Chase Cancer Center, Rockefeller University, and Ohio State University.

Internationally, Rudensky has presented named/distinguished lectures at Oxford University, UK; Medical Research Council, UK; University of Stockholm, Sweden; Weizmann Institute of Science, Rehovot, Israel; European Molecular Biology Laboratory, Monterotondo, Italy; Scandinavian Society of Immunology Meeting, Turku, Finland; and Russian Cancer Center, Moscow. He has presented keynote addresses at meetings, including the European Academy of Tumor Immunology/Miltenyi Immunotherapy Symposium, Paris; Congress of the Brazilian Society of Immunology; 34th Naito Conference, Sapporo, Japan; China Treg/International Conference on Regulatory T Cells, Shanghai, China; International Molecular Immunology Symposium, Nanjing, China; and Federation of Immunological Societies of Asia-Oceania Meeting, Taipei, Taiwan.

A biochemistry graduate of the Second Moscow State Medical Institute, Rudensky received his Ph.D. in immunology from the Gabrichevsky Institute for Epidemiology and Microbiology, Moscow. He undertook postdoctoral training in the Charles Janeway lab at Yale School of Medicine, where he subsequently served as an associate research scientist. He later held successive appointments as assistant, associate, and full professor at the University of Washington and served as an adjunct professor at the A. N. Belozersky Institute of Physico-Chemical Biology, Moscow State University, Russia. He was named an HHMI assistant investigator in 1993 and has been a full investigator since 1998. Appointed an MSKCC member in 2008, Rudensky assumed concurrent professor appointments with the Gerstner Sloan-Kettering Graduate School and Weill Cornell Graduate School of Medical Sciences of Cornell University. He is a Tri-Institutional Professor at MSKCC, Rockefeller University, and Cornell University.



Jean-Laurent Casanova

Jean-Laurent Casanova, M.D., Ph.D., AAI '12,
Howard Hughes Medical Institute Investigator; Professor, Head of Laboratory (St. Giles Laboratory of Human Genetics of Infectious Diseases), and Senior Attending Physician, Rockefeller University

Dr. Casanova investigates the immunological basis of childhood infectious diseases. His group has identified and characterized a new group of

genetic defects that predisposes otherwise healthy children to a single type of infection. These studies have modified how severe childhood infections are approached, by challenging the longstanding assumption that single genes cause general susceptibility to multiple types of infections, whereas multiple genes might work together to determine susceptibility to common infections. The lab has deciphered the molecular genetic basis of a variety of pediatric infectious diseases, including mycobacterial diseases, invasive pneumococcal disease, herpes simplex encephalitis, and chronic mucocutaneous candidiasis. In addition to revealing much about the redundancy and evolution of the immune system, Casanova's studies have important clinical implications, as they provide a basis for genetic counseling and a rationale for developing new therapeutic approaches targeted to specific gene defects.

Casanova serves as deputy editor-in-chief of the *Journal of Clinical Immunology*; holds editorial board appointments with *Journal of Experimental Medicine*, *Current Opinion in Pediatrics*, *Current Opinion in Immunology*, *Journal of Medical Genetics*, *JAK-STAT*, and *Clinical Immunology*; and has held past such appointments with *Annual Review of Immunology*, *Seminars in Immunology*, *Annals of the New York Academy of Sciences*, and *Philosophical Transactions of The Royal Society B*. He has served as an ad hoc reviewer for *Science*, *Nature*, *Cell*, *New England Journal of Medicine*, *Journal of Experimental Medicine*, *Journal of Clinical Investigation*, *Nature Medicine*, *PLoS Medicine*, *Lancet*, *Proceedings of the National Academy of Sciences USA*, *Nature Genetics*, *American Journal of Human Genetics*, *PLoS Genetics*, *Nature Immunology*, *Immunity*, and *Blood*.

Casanova has served on multiple NIH special emphasis panels, as well as advisory/review panels for the New York Stem Cell Foundation, Jeffrey Modell Centers Network, European Research Council, Fondazione Cariplo, Thrasher Research Fund, AXA Research Fund, Fred Rosen-Jeffrey Modell Research Award, Technology Research Institute, Sanofi, Care-for-Rare Foundation, HHMI, Foundation

for Primary Immunodeficiency Diseases, The Treilles Foundation, Dautrebande Foundation Award, Research Centre of the University of Montreal Hospitals, Midwest Regional Center of Excellence for Biodefense and Emerging Infectious Diseases Research, Singapore Network of Immunology, MUGEN European Network of Excellence, International Union of Immunological Societies, and Hong Kong Research Grant Committee.

Casanova currently serves as president of the Henry Kunkel Society. His additional career honors and appointments include: Sanofi-Institut Pasteur International Mid-Career Award; Robert Koch Prize; Clinical Immunology Society Presidential Award; Norman J. Siegel New Member Outstanding Science Award, American Pediatric Society; Seymour and Vivian Milstein Award, International Society for Interferon and Cytokine Research; Ilse and Helmut Wachter Foundation Award; InBev-Baillet Latour Health Prize, Immunology and Infectious Diseases; E. Mead Johnson Award for Research in Pediatrics, Society for Pediatric Research; Oswald Avery Award, Infectious Diseases Society of America; Richard Lounsbery Award, French Academy of Sciences; Laboratory Award, Académie de Médecine; AGF Institut de France Prize; president, European Society for Primary Immunodeficiencies; International Scholar, HHMI; Jacques Oudin Prize, Société Française d'Immunologie; International René Descartes Prize, European Union; International Lucien Dautrebande Prize, Academy of Medicine, Belgium; World Technology Network 2003 Award; Roy-Vaucouloux Prize, Académie des Sciences; Jean Hamburger Prize, City of Paris/Assistance Publique-Hôpitaux de Paris; laureate, Schlumberger Foundation for Education and Research; honorary member, Scandinavian Society for Immunology; honorary doctorates, University of Debrecen and University of Zürich; and visiting professor, King Saud University and Shanghai Jiaotong University.

Casanova received his M.D. from Cochin Medical School, University Paris Descartes, and Ph.D. (biology) from University Paris Pierre et Marie Curie, based on research conducted there and at the Ludwig Institute for Cancer Research (Lausanne, Switzerland). His postdoctoral training (mentors: Claude Griscelli; Alain Fischer) included service as a resident in pediatrics, Assistance Publique-Hôpitaux, Paris, and as a research fellow in pediatric immunology-hematology, Necker Hospital and School of Medicine, Assistance Publique-Hôpitaux, University Paris Descartes. After serving as professor and head of laboratory at Necker School of Medicine, Casanova joined Rockefeller University as professor and laboratory head (2008) and senior attending physician (2009). He retains appointments as visiting professor and laboratory head at Necker Hospital for Sick Children, Paris Descartes University, and has been an HHMI investigator since 2014.

Could You Be an Editor for *The Journal of Immunology*?

As *The Journal of Immunology* (*The JI*) celebrates its centennial year of publication in 2016, its standing as one of the preeminent journals in the field rests solidly upon the continued excellence of its editorial standards. Selection for service as an editor for *The JI* is widely recognized as a career distinction. Have you ever wondered how the scientists named as editors on *The JI* masthead are selected? You may know that the editors for *The JI* are all practicing scientists in the field, and you may know that these editors are appointed by the editor-in-chief, currently Dr. Pamela Fink. But just how do these particular scientists come to her attention? How might you? You may assume that the opportunity is reserved for scientists the editor-in-chief knows personally or that there is a complex, formal application process. Not so.

The process is quite straightforward. First, all editors of *The JI* are members of AAI. Eligibility for an editorial appointment is one of the many benefits of membership. Beyond this threshold requirement, potential editors' names arise in part through a data-driven process, one that focuses specifically on scientists' reviewing history with *The JI*. Serving as a valuable reviewer for *The JI* is the first step toward becoming an editor for the journal. That is, reviewers who provide the most timely, insightful, and thorough reviews are often considered for this important service to the field of immunology.

The JI engages the services of three groups of editors: associate, section, and deputy editors. Their specific roles and how they are appointed to these roles are explained below.

Associate Editors

Beyond being an ad-hoc reviewer, the next level of service to *The JI* is that of associate editor. In recognition of both their outstanding performance as reviewers and their standing in the field, the editor-in-chief designates 120 scientists reviewing for the journal as associate editors. This group serves as a cadre of consistently reliable reviewers whom section editors may solicit to assess manuscripts in their specialties.

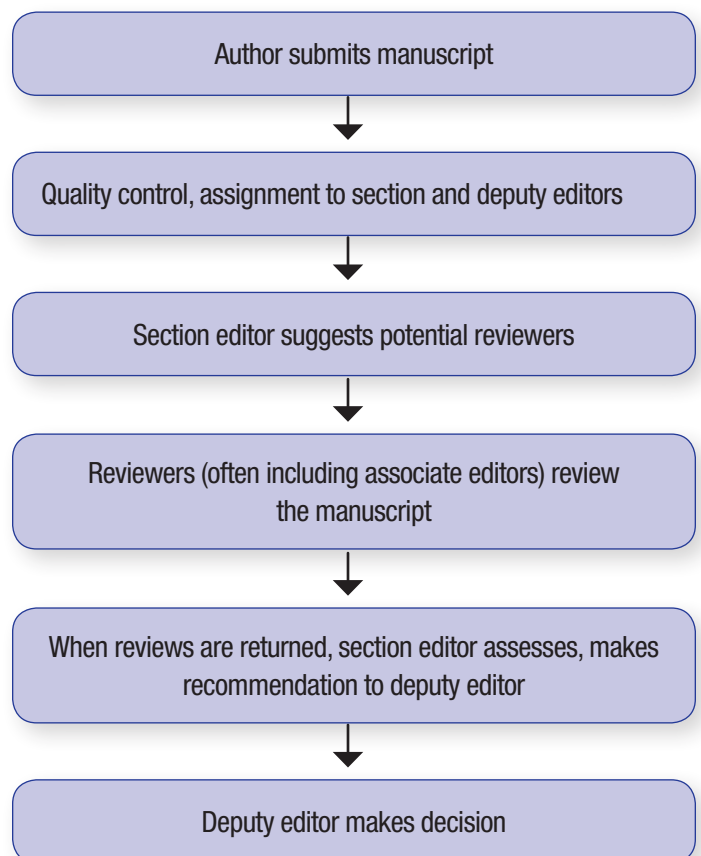
In addition to expertise, criteria for these appointments include:

- Frequency of invitation to serve as a reviewer (an indication of standing in the field),
- Frequency with which the invitation is accepted,
- Timeliness of reviews, and
- Perceived quality of reviews.

Associate editors are appointed once a year for staggered two-year terms that are renewable once, depending on performance and on the expertise needed for the journal.

Individuals wishing to serve as associate editors should accept invitations from *The JI* to review and should complete these reviews in a timely and thorough manner. Thorough reviews are not measured by the number of new experiments suggested by the reviewer. Instead, the editors are looking for objective reviews that address the key revisions needed for a manuscript to reach the quality needed for publication in *The JI* and that will result in a story of a reasonable scope for a single manuscript.

The JI Manuscript Workflow



Section Editors

Section editors handle manuscripts within their own general fields of expertise, selecting the individuals who will act as reviewers for each manuscript. When the reviews are submitted, the section editor assesses these reviews, together with the manuscript, to ensure that the reviewers have provided authors with objective feedback that is both comprehensive and reasonable. For example, the reviews may address the conceptual framework of the study as well as the experimental design, the methods used, and the degree to which conclusions follow from the data presented. The section editor then adds comments to be sent to the authors as he/she sees fit, often paring down the reviewers' requests to those necessary for a revised submission, and makes a recommendation to a deputy editor regarding the fate of the manuscript. The section editor's ratings of each reviewer's efforts are entered into the database used by the editor-in-chief for the appointment of associate editors.

The 52 section editors are selected by the editor-in-chief on the basis of their reviewing history and expertise needed, along with standing in the field. Often, section editors are selected from the pool of associate editors. They, too, are appointed once a year with staggered two-year terms, renewable once.

Deputy Editors

Deputy editors make the final decision on each manuscript, taking into account the recommendations of the section editors and the reviewers. A deputy editor uses his or her knowledge of the field to judge whether the manuscript describes high quality work that provides a significant advance in the field of immunology.

The 10 deputy editors are selected by the editor-in-chief at the beginning of his or her term to serve a five-year term concurrent with that of the editor-in-chief.

In the December 15, 2015, issue of *The JI*, AAI published a list of 2,914 practicing immunologists who in the past year devoted time to reviewing manuscripts submitted to the journal. AAI thanks these individuals for their hard work on behalf of the immunology community. The next editors for *The JI* will likely be selected from among the AAI members in their ranks.

Becoming a Reviewer

If you wish to be considered as a reviewer, log on to your account (or create an account) in *The JI* manuscript submission and review system, <http://ji.msubmit.net>. (If you have been listed as an author on any submission to *The JI* since 2007, you already have an account in this system.) Make sure that your profile is complete and includes key words and recently published articles that appropriately reflect your areas of expertise. Your record will then be visible when the section editors are searching the system for individuals, usually independent primary investigators, to review papers requiring your specific expertise. Note, though, that listing your expertise in the system does not guarantee selection as a reviewer (for more information on the process, see <http://www.jimmunol.org/site/misc/authorinstructions.xhtml#peerreview>).





Important Dates for Two AAI Awards Programs

AAI Programs to Benefit Your Lab's Current or Future Research

AAI Careers in Immunology Fellowship

KEY DATES	APPLICATIONS OPEN	APPLICATIONS CLOSE
	JANUARY 15	MARCH 16

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	APPLICATIONS CLOSE
WINTER	DECEMBER 15	FEBRUARY 15
SPRING	APRIL 15	JUNE 15
FALL	AUGUST 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 tft@aai.org.

These two exciting awards programs were launched by the American Association of Immunologists in 2014, adding significantly to its already robust support for scientists through fellowships, career awards, and travel grants. For more information, visit www.aai.org/awards.

2015 Fall Cycle Travel for Techniques Award Recipients

Three AAI members were selected as recipients of Travel for Techniques Awards for the fall 2015 application cycle.

The program reimburses up to \$1,500 in travel expenses for a member PI or designated lab member to travel to another laboratory to learn a technique or method that might benefit his or her current or future research goals. Proposals are considered on a rolling basis, with application deadlines in February, June, and October.

AAI congratulates the following fall-cycle recipients of the 2015 Travel for Techniques Awards:



Jorg Fritz, Ph.D. (AAI '12)

Assistant Professor
McGill University

Fritz will send his trainee Marija Landekic (AAI '15) to Paige Lacy's (AAI '05) lab at the University of Alberta to become proficient in the use of a super resolution microscope capable of visualizing intracellular structures

in cells and image analysis techniques. Landekic will use these tools to examine the organelles involved in cytokine trafficking in innate lymphoid cells.

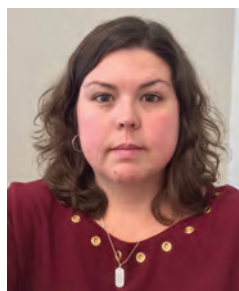


Jianrong Sheng, M.D., Ph.D. (AAI '06)

Assistant Professor
University of Chicago

Sheng will travel to the laboratory of Quan-Zhen Li (AAI '11) at the University of Texas Southwestern Medical Center. She plans to learn autoantibody profiling of IgG subclasses and high-throughput techniques for

autoantibody profiling. She will use this methodology to characterize autoantibodies found in myasthenia gravis patients.



Jamie Sturgill, Ph.D. (AAI '13)

Assistant Professor
Virginia Commonwealth University

Bruce Levy (AAI '09) at Brigham and Women's Hospital will host Sturgill during her trip to learn models of acid-induced and infectious lung injury. Sturgill will use these techniques in

her examination of the role of sphingolipid biology in acute lung inflammation.

AAI is currently accepting applications for the winter cycle of the program; deadline: February 15. Visit www.aai.org/Careers/TFT.html for details.

AAI Career Advisory Board

Starting your first lab? Facing new and puzzling issues? If so, you probably wish to turn to a more senior scientist for guidance—but perhaps not one at your own institution. The AAI Career Advisory Board (CAB) is tailored specifically for you.

The CAB is a referral service to match early faculty who submit requests for guidance on specific career issues with more senior PIs having experience and insight in those areas, excluding members of your own faculty. You may also specify individuals not to be contacted on your behalf.

Eligibility: Although the CAB is sponsored by the Committee on the Status of Women, it is open to all early-faculty AAI members, both men and women.

Advisors: A pool of senior scientists—men and women—are volunteering to be “on call.” Topics include recruiting, handling personnel issues, timing for first grant submissions, building networks, teaching, balancing family and work, serving on NIH study sections, and more.



Visit www.aai.org/About/Leadership/Committees/CSOW/Career-Advisory-Board.html to submit a request.

AAI Outreach Program Update

AAI continues to foster the career development of young scientists by supporting oral and poster presentation awards at member-organized regional immunology meetings through the AAI Outreach Program. This fall, AAI provided speaker and/or award support at four annual meetings: the Colorado Immunology Conference, the La Jolla Immunology Conference, the New England Immunology Conference, and the Upstate New York Immunology Conference.

Colorado Immunology Conference (CIC)

Over 200 attendees gathered at the Vail Cascade Resort in Vail, Colorado, for the 2015 CIC, held September 2–4. The conference, organized in part by Laurel Lenz (AAI '05), featured an AAI-supported Pixie Campbell Memorial Keynote Address by Ann Marshak-Rothstein (AAI '85), who spoke on “The Pro- and Anti-inflammatory Functions of Nucleic Acid Sensing Receptors.” To encourage participation in the session by trainees attending the meeting, Philippa Marrack (AAI '74) offered a cash incentive to the first trainee who asked a question of Marshak-Rothstein. The impromptu reward was financed by John Kappler (AAI '74) as Marrack's wallet was found to be empty. The strategy enlivened discussion, prompting other speakers to jest that Kappler should offer corresponding awards for trainee questions at their talks.

For the fifth year, AAI sponsored eight AAI Young Investigator Awards at the CIC. The awardees were: Iona

Bartek, Tullia Bruno, Sarah Clark, Emily Eshleman, Mira Estin, Michelle Nelsen, and Mia Smith, (University of Colorado) and Yapeng Li (National Jewish Health).



CIC graduate student recipients of AAI Young Investigator Awards



CIC postdoctoral fellow recipients of AAI Young Investigator Awards



Ann Marshak-Rothstein delivering the keynote address at CIC

La Jolla Immunology Conference (LJIC)

The LJIC was held September 29–October 1 at the Salk Institute in La Jolla, California, drawing nearly 400 attendees. Organizers Catherine Hedrick (AAI '10), Klaus Ley (AAI '00), Karsten Sauer



The AAI Young Investigator Awardees for LJIC pose with AAI past president and Council member Linda Sherman (far left) and LJIC organizer Klaus Ley (second from left)

(AAI '01), and Elina Zuniga (AAI '09) presided over the proceedings, which included, among a host of therapeutic and basic science immunology topics, the cleverly titled keynote address, "A T Cell's Obsession with Self," given by Kristin Hogquist (AAI '95).

As it has since 2011, AAI provided support for five oral and poster presentation awards for trainees at LJIC. The selected recipients of AAI Young Investigator Awards for oral presentations were: Zhichao Fan and Darina Spasova (La Jolla Institute for Allergy & Immunology), Florent Carrette and Roberto Tinoco

(Sanford Burnham Prebys Medical Discovery Institute), and Xiotian Lin (The Scripps Research Institute). The poster awardees were: Claire Conche, Christian Maine, and Zinaida Polonskaya (The Scripps Research Institute), Laura McIntyre (University of California, Irvine), and Sara McArdle (La Jolla Institute for Allergy & Immunology).

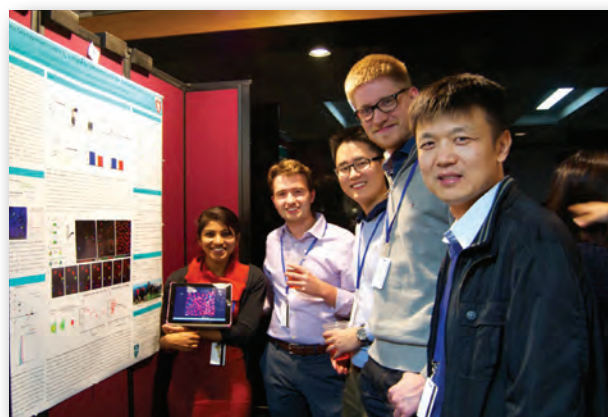
New England Immunology Conference (NEIC)

Thorsten Mempel (AAI '07) and Mark Exley (AAI '02) co-chaired the NEIC, held October 17–18 at the Marine Biological Laboratory in Woods Hole, Massachusetts. The conference drew 100 attendees who took part in scientific sessions ranging from "Lymphocyte Dynamics and Differentiation In Vivo" to "Why Regulatory T Cells Stop Working in Autoimmunity and Inflammation." Hidde Ploegh (AAI '93) delivered the keynote address on "Imaging Immune Responses."

AAI sponsored three AAI Janeway Awards for oral abstracts and three AAI Young Investigator Awards for poster presentations as it has for the past five years. The AAI Janeway awardees were: Jason Yang (University of Massachusetts), Esteban Carrizosa (Massachusetts General Hospital/Harvard Medical School), and Nikhil Joshi (Massachusetts Institute of Technology). The three AAI Young Investigator Awards were given to: Yves Falanga (University of Massachusetts), Vinidhra Mani (Massachusetts General Hospital/Harvard Medical School), and Stephen Hatfield (Northeastern University).



The NEIC Janeway and AAI Young Investigator Awardees with Conference Co-chair Thorsten Mempel (far right)



Poster session presenters and attendees pausing their lively discussion for a photo op

AAI Outreach Program Update (*Continued*)

Upstate New York Immunology Conference (NYIC)

The NYIC was held October 25–28 at the Sagamore Resort and Conference Center in Bolton Landing, New York. Kate MacNamara (AAI '11) and James Drake (AAI '01) co-organized the conference, which featured two keynote speakers, Kristin Hogquist (AAI '95) and Yasmine Belkaid (AAI '13), who delivered keynote addresses on T cell “adolescence” and regulation of tissue immunity and the microbiota, respectively.

In addition to a robust scientific program that strongly featured young faculty, the conference provided career enrichment sessions. Belkaid hosted a workshop on “Women in Science” in which discussion revolved around the roadblocks female scientists face in their careers and the daunting statistical improbability women face in rising to the top of their career ladders.

AAI Science Policy and Legislative Affairs Specialist Jacob Schumacher also led a workshop entitled “The Urgent Importance of Advocating for Biomedical Research,” addressing key legislative and policy issues impacting the immunology community and the need for scientists to communicate the value of biomedical research to political and government agency leaders and the general public. He described ways in which scientists can get involved in advocacy, including applying for the AAI Public Policy Fellows Program, a year-long program that engages junior scientists in AAI public affairs activities.

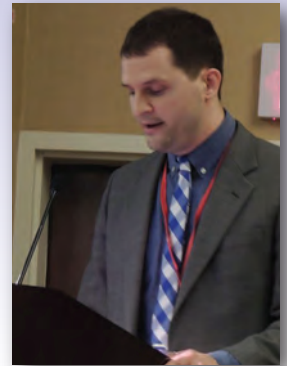
As it has for five consecutive years, AAI supported AAI Young Investigator Awards at NYIC. *The Journal of Immunology* Science Associate Lindsey Pujanauski

and Schumacher presented the AAI Young Investigator Awards to 10 recipients: Jessica Rastad and Kiah Sanders (Dartmouth College), Elise Burger, Kelli Connolly, and Jessica Meyers (University of Rochester), Adaobi Amobi, Michelle Messmer, and Adam Utley (Roswell Park Cancer Institute), Julianne Smith (Albany Medical College), and Phyu Thwe (University of Vermont).

The event was capped by an early-morning fun run and the presentation of a birthday cake to conference organizer MacNamara.

For more details about the AAI Outreach Program and eligibility requirements, please visit: www.aai.org/Awards/Outreach.html.

For more information on the AAI Public Policy Fellows Program, please visit: www.aai.org/Public_Affairs/PPFP/index.html.



AAI Science Policy and Legislative Affairs Specialist Jake Schumacher leading a workshop on advocacy in science



*NYIC AAI Young Investigator Awardees pose with *The Journal of Immunology* Science Associate Lindsey Pujanauski (far left) and AAI Science Policy and Legislative Affairs Specialist Jake Schumacher (back row)*

AAI Members Lecture and Lead at IMMUNOCOLOMBIA 2015

Luis F Garcia (AAI '96), president of the Latin American Association of Immunology (ALAI), welcomed over 1,000 attendees to IMMUNOCOLOMBIA 2015, held October 13–16 in Medellín, Colombia. The Opening Lecture was given by Richard Flavell (AAI '90), Howard Hughes Medical Institute, Yale School of Medicine, on “Inflammation, Microbiota and Chronic Disease.”

Other AAI members were among the speakers addressing a wide range of immunology topics, fulfilling the meeting slogan, “In Medellín, Immunology Flourishes.”

AAI was pleased to provide travel support for seven AAI members speaking at the conference:

- Susan Bueno, AAI '14, Pontificia Universidad Católica, Chile
- Iris Estrada, AAI '07, National School of Biological Sciences, Instituto Politécnico Nacional (IPN), Mexico
- Alexis Kalergis, AAI '05, Pontificia Universidad Católica, Chile
- Sergio Oliveira, AAI '12, Universidade Federal de Minas Gerais, Brazil
- Gabriel Rabinovich, AAI '03, Instituto de Biología y Medicina Experimental/Consejo Nacional de Investigaciones Científicas y Técnicas (IBYME/ CONICET), Argentina
- Leopoldo Santos-Argumedo, AAI '99, Cinvestav, IPN, Mexico
- Norberto Zwirner, AAI '04, IBYME, Argentina



IUIS Councilor Jeffrey Frelinger (left) and ALAI President Luis Garcia (right) with AAI-supported speakers at IMMUNOCOLOMBIA 2015 (L-R) Leopoldo Santos-Argumedo, Iris Estrada, Norberto Zwirner, Gabriel Rabinovich, Sergio Oliveira

AAI also sponsored 23 awards for young investigators for outstanding abstracts. International Union of Immunological Societies (IUIS) Councilor Jeffrey Frelinger (AAI '76), University of Arizona, presented the recipients with certificates at an award ceremony. The awardees were:

- Alejandro Alvarado Delgado, Universidad Nacional Autónoma de México (UNAM)-Instituto Nacional de Salud Pública, Facultad de Medicina, Mexico
- David Bernal, Universidad Nacional, Colombia
- Estela Isabel Bini, Instituto Nacional de Ciencias Médicas y Nutrición, Mexico
- Tacito G. Campois, Universidade Federal de Londrina, Brazil
- Diana Castañeda Uvajoa, Universidad Surcolombiana, Colombia
- Sandra Milena Coronado Ríos, Universidad de Cartagena, Instituto de Investigaciones Inmunológicas, Colombia
- Ariana Diaz, Instituto de Inmunología Clínica y Experimental de Rosario-CONICET, Argentina



IUIS Councilor Jeffrey Frelinger (front) with AAI abstract award recipients

AAI at IMMUNOCOLOMBIA 2015 (Continued)

- Nicolás Fernández Hurst, Universidad Nacional de Córdoba, Argentina
- Olga Lucía Fernández, Universidad del Valle, Facultad de Salud, Centro Internacional de Entrenamiento e Investigaciones Médicas, Colombia
- Tania Gajardo, Universidad de Los Andes, Universidad de Chile, Chile
- César Alberto Galván Calle, Universidad Nacional Mayor de San Marcos, Instituto Nacional de Salud del Niño, Peru
- Luciano Lucas Guerra, Universidad de Buenos Aires, Facultad de Farmacia y Bioquímica, Argentina
- Jamil Z. Kitoko, Universidade Federal do Rio de Janeiro, Brazil
- María del Carmen López, Instituto Nacional de Salud del Niño, Peru
- Verónica C. Martínez Allo, Universidad de Buenos Aires, Argentina
- Elia Marcela Martínez Becerril, IPN, Escuela Superior de Medicina, Mexico
- José Mateus, Pontificia Universidad Javeriana, Colombia
- Sandra Amyris Ortega Francisco, UNAM, Instituto de Investigaciones Biomédicas, Mexico
- Nicole Samuel Pereira San Andres, Universidad del Norte, Colombia
- Karol Prieto, Pontificia Universidad Javeriana, Colombia
- Karina Sánchez Reyes, Universidad de Guadalajara/ Instituto Mexicano del Seguro Social, Mexico
- Andrés Camilo Vásquez Flórez, Pontificia Universidad Javeriana, Instituto de Genética Humana, Colombia
- Ana Vega, Universidad de Los Andes, Universidad Católica de Valparaíso, Chile

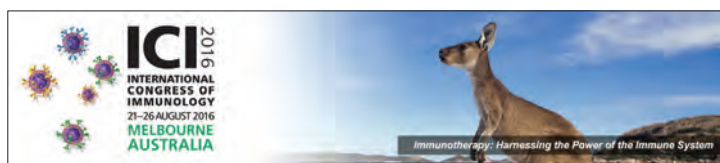


IMMUNOCOLOMBIA 2015 organizers' welcome of attendees to Plaza Mayor in Medellín

AAI to Offer Members \$1 Million in Travel Grants for 16th International Congress of Immunology in Australia

AAI is pleased to announce that it will award up to \$1,000,000 in travel grants to AAI members for the 16th International Congress of Immunology (16th ICI), to be held August 21-26, 2016, in Melbourne, Australia.

Grant application will be open to investigators of all career stages. To be eligible, an applicant must be an AAI Trainee, Associate, or Regular member in



good standing for 2015 and 2016, and an author on an abstract submitted to the 16th ICI. Preference will be

given to applicants with no more than \$250,000 in total research funding from all sources (excluding PI salary).

Complete eligibility and application instructions will be posted to the AAI website in January 2016.

Visit the 16th ICI website at <http://ici2016.org>.





You have the power.

Your membership in the American Association of Immunologists helps advance the field—and your career.

Being a part of AAI enables you to take an active role in helping to shape the future of immunology and attain your professional goals. You'll stand with members 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 renew your AAI membership and its contributions to your professional life, call 301.634.7195 or visit www.aai.org today.



AAI High School Teachers Program Featured at National Conference for Biology Teachers

The AAI High School Teachers Summer Research Program in Immunology was prominently featured at the National Association of Biology Teachers (NABT) Professional Development Conference, November 11–14, in Providence, Rhode Island. In an AAI-hosted workshop, the eight teachers participating in the 2015–16 AAI program showcased curricula that they had developed in the program to learn how to bring immunology lessons into their classrooms.

In addition to the accolades that the teachers received at the conference for their presentations, one of the eight—Aaron Mathieu of Acton-Boxborough Regional High School, Acton, Massachusetts—received an NABT Outstanding Biology Teacher Award. This annual award recognizes an outstanding biology educator (grades 7–12) in each of the 50 states; Washington, DC; and Canada. AAI congratulates Mathieu for being accorded this honor.

The teachers' presentations at NABT were an important milestone of their year in the AAI program, which provides teachers four- to six-week summer research experiences in the laboratories of AAI members. Before



Director Clinton Mathias (back row, far left) and Educational Consultant Megean Garvin (back row, far right) with 2015–16 AAI high school teachers (back, L-R) Antonio Gamboa, Jeremy Resmann, Gregory Shenk, Aaron Mathieu; (front, L-R) Michele Witkowski, Patricia Weethee, Sarah Peterson, Gina Castellanos Ellsworth

starting in the laboratory, the teachers are given an opportunity to attend the AAI Introductory Course in Immunology, held this year in July at the Long Beach Convention & Entertainment Center in Long Beach, California. Following the teachers' mentored lab experiences, an educational consultant assists them with the development of innovative curricula, based on their summer projects, for use in their own classrooms. The teachers are also given an opportunity to share their projects at a national meeting. Clinton B. Mathias, AAI '10, assistant professor at Western New England University and director of the AAI High School Teachers Program, said, "Each teacher developed a unique and creative unit to bring the excitement of immunology research to the high school classroom. We were pleased to see the high level of interest in immunology from session attendees. We hope that these units help to bring immunology to classrooms nationwide, raise scientific literacy, and cultivate the next generation of investigators."

"The AAI teachers' participation in the NABT Professional Development Conference allowed them to share their immunology lessons with a broad audience of high school science teachers from throughout the United States," said Mary Litzinger, AAI manager of educational and career development programs. "This conference offers AAI a great opportunity to reach the targeted beneficiaries of the AAI program—high school biology teachers."



AAI teacher Gregory Shenk presenting his slides on a mouse model of colitis

Teachers participating in the 2015–16 AAI program and the NABT session, “AAI Presents: Teachers Research Program—Immunology Lessons for the Classroom,” are listed with their mentors and presentation titles below:

Can we save them? Using ELISAs to determine the IL-6 levels in septic patients

Gina Castellanos Ellsworth, Haverhill High School, Haverhill, MA

Mentor: Daniel G.

Remick, M.D., Boston University School of Medicine, Boston, MA

Immune response to nicotine in zebra fish as a model to study the smoker's paradox

Antonio Gamboa, Garey High School, Pomona, CA

Mentor: Stephen

A. O'Barr, Ph.D., Western University of Health Sciences, Pomona, CA

Discovering the microbiome

Aaron Mathieu, Acton-Boxborough Regional High School, Acton, MA

Mentor: Neal Silverman, Ph.D., University of Massachusetts Medical School, Worcester, MA

Are mucosal-associated invariant T (MAIT) cells part of the innate or adaptive immune system?

Sarah Peterson, Denver Public Schools, Denver, CO

Mentor: Mark J. Soloski, Ph.D., Johns Hopkins University School of Medicine, Baltimore, MD

Genome engineering with CRISPR-Cas9: can CRISPR transform the genetic world?

Jeremy M. Resmann, Soldan I.S. High School, St. Louis Public Schools, St. Louis, MO

Mentor: Wayne M. Yokoyama, M.D., Washington University School of Medicine and Howard Hughes Medical Institute, St. Louis, MO

Developing a murine model of colitis

Gregory Shenk, Ph.D., Academy of Aerospace and Engineering, Hartford, CT

Mentor: Kamal M. Khanna, Ph.D., University of Connecticut Health Center, Farmington, CT

Using primary research as a tool to study cell

communication through the effects of vitamin D on multiple sclerosis

Patricia Weethee, Grove City High School, Grove City, OH

Mentor: Amy E. Lovett-Racke, Ph.D., Ohio State University Medical Center, Columbus, OH

Investigation of vaccination and herd immunity

Michele Witkowski, Edison High School, Edison, NJ

Mentor: Lisa K. Denzin, Ph.D., Child Health Institute of NJ/ Rutgers University, New Brunswick, NJ

Following the AAI teachers' short PowerPoint presentations on their summer research experiences and the immunology units that they developed for their classrooms, they moved to roundtables to demonstrate their classroom activities to small

groups of attendees. The session participants welcomed this opportunity to discuss and ask questions of the presenters in a more informal setting.

The AAI teachers will continue to refine and expand on their lessons, and their final curricula will be posted on the AAI website in May 2016.

Members are urged to consider nominating a talented high school teacher for the 2016 summer program. The AAI model curricula are archived and made publicly available on the AAI website. To view past immunology lessons and learn more about this program, visit www.aai.org/Education/Summer_Teachers/index.html. The application deadline for the 2016 program is March 15, 2016.



AAI teacher Sarah Peterson presenting her classroom activity on MAIT cells to a small group of session attendees



New members listed below appear in alphabetical order by state (U.S.) and country (International).

AAI Welcomes New Members (2015)

AAI is very pleased to welcome all new members for the 2015 membership year. Listed below are the 508 new regular and associate members who were added in 2015. Also added in 2015 were 803 new trainee members. To view the list online, go to: www.aai.org/Membership/newmemberlist.pdf.

Please personally welcome the new members you know and make a point of introducing yourself to those near you whom you haven't met.

REGULAR

United States

Alabama

Craig L. Maynard, Ph.D.
Birmingham, AL

Nabiha Yusuf, Ph.D.
Birmingham, AL

Arizona

Marina Diioia, Ph.D.
Glendale, AZ

Dominique B. Hoelzinger, Ph.D.
Scottsdale, AZ

Megan Smithey, Ph.D.
Tucson, AZ

Arkansas

Miles D. Lange, Ph.D.
Stuttgart, AR

Jason S. Stumhofer, Ph.D.
Little Rock, AR

California

A. Lenore Ackerman, M.D., Ph.D.
Los Angeles, CA

Martin S. Angst, M.D.
Stanford, CA

Andrew Baird, Ph.D.
San Diego, CA

Rashmi Bankoti, Ph.D.
Foster City, CA

John A. Belperio, M.D.
Los Angeles, CA

Shuguang Bi, Ph.D.
Port Hueneme, CA

Mark P. Boldin, M.D., Ph.D.
Duarte, CA

Susan Carpenter, Ph.D.
Santa Cruz, CA

Mimi H. Chiang, J.D., Ph.D.
Pacific Palisades, CA

Christina A. Christianson, Ph.D.
San Diego, CA

Elizabeth V. Clarke, M.P.H., Ph.D.
Redwood City, CA

Laetitia D. Comps-Agrar, Ph.D.
South San Francisco, CA

Patty Culp, Ph.D.
South San Francisco, CA

Maisie E. Dawes, D.V.M., Ph.D.
Pomona, CA

Jason J. DeVoss, Ph.D.
South San Francisco, CA

Alexis D. Dunkle, Ph.D.
South San Francisco, CA

Deborah A. Fraser, Ph.D.
Long Beach, CA

Eliver E. Ghosn, Ph.D.
Stanford, CA

Christopher Glass, M.D., Ph.D.
La Jolla, CA

D. James Haddon, Ph.D.
Stanford, CA

Eva Harris, Ph.D.
Berkeley, CA

Jennifer B. Hernandez, Ph.D.
Claremont, CA

Rodrigo Hess Michelini, Ph.D.
San Diego, CA

Bill Hyun, Ph.D.
San Francisco, CA

Xuhuai Ji, M.D., Ph.D.
Palo Alto, CA

Jitendra Kanodia, Ph.D.
South San Francisco, CA

Mark Kroenke, Ph.D.
Thousand Oaks, CA

Sabine Le Saux, Ph.D.
Palo Alto, CA

Matthew S. Macauley, Ph.D.
San Diego, CA

Michael H. Matho, Ph.D.
San Diego, CA

Stephen L. Nishimura, M.D.
San Francisco, CA

Eric M. Pietras, Ph.D.
San Francisco, CA

Vladimir Ramirez-Carrozzi, Ph.D.
South San Francisco, CA

Philip O. Scumpia, M.D., Ph.D.
Los Angeles, CA

Debasish Sen, Ph.D.
Stanford, CA

John R. Teijaro, Ph.D.
San Diego, CA

Fang Tian, M.D., Ph.D.
Los Angeles, CA

Kevin B. Walsh, Ph.D.
South San Francisco, CA

Ben G. Wen, Ph.D.
San Diego, CA

Colorado

Matthew Burchill, Ph.D.
Aurora, CO

Eric L. Campbell, Ph.D.
Aurora, CO

Colm Collins, Ph.D.
Aurora, CO

Ronald G. Gill, Ph.D.
Aurora, CO

Jordan Jacobelli, Ph.D.
Denver, CO

Kristi Kuhn, M.D., Ph.D.
Denver, CO

Philip L. Simonian, M.D.
Aurora, CO

Yuwen Zhu, Ph.D.
Aurora, CO

Connecticut

Fei Duan, Ph.D.
Farmington, CT

Sung Kwon Kim, Ph.D.
Cheshire, CT

Praveen Mannam, M.D.
New Haven, CT

Antoine Menoret, Ph.D.
Farmington, CT

Andrew J. Wiemer, Ph.D.
Storrs, CT

District of Columbia

Michael W. Lipscomb, Ph.D.
Washington, DC

Florida

Pappachan Kolattukudy, Ph.D.
Orlando, FL

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- Lu-Ping Chow, Ph.D.**
Taipei, Taiwan
- Paul N. Barlow, Ph.D.**
Edinburgh, United Kingdom
- Mark S. Cragg, Ph.D.**
Southampton, United Kingdom
- Paul T. Elkington, M.D., Ph.D.**
Southampton, United Kingdom
- Bent Jakobsen, Ph.D.**
Abingdon, United Kingdom
- Adrian P. Mountford, Ph.D.**
York, United Kingdom
- Klaus Okkenhaug, Ph.D.**
Cambridge, United Kingdom
- Masahiro Ono, M.D., Ph.D.**
London, United Kingdom
- Tiehui Wang, Ph.D.**
Aberdeen, United Kingdom

ASSOCIATE

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- Sean F. Boyle, B.A.**
Pleasanton, CA
- Ruslan N. Grishanin, Ph.D.**
South San Francisco, CA
- Kurt Jarnagin, Ph.D.**
Palo Alto, CA
- Lee T. Zane, M.D.**
Palo Alto, CA

Colorado

- Stacie R. Mosier, B.S.**
Boulder, CO
- Urs A. Ochsner, Ph.D.**
Boulder, CO

Connecticut

- Jacob Hopkins, B.S.**
Farmington, CT

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- Gary Bal, B.A.**
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- Delia Gutman, M.S.**
Miami, FL
- Douglas A. McClain, Sr., B.A.**
Boca Raton, FL
- Suresh Pallikuth, Ph.D.**
Miami, FL
- Mary L. Turgeon, M.S.**
St. Petersburg, FL

Maine

- Jennifer T. Malon, M.P.H., M.S.**
Biddeford, ME

Maryland

- Krisztina B. Janosko, M.S.**
Frederick, MD
- Sean K. Maynard, M.S.**
Gaithersburg, MD
- Todd D. Prickett, Ph.D.**
Bethesda, MD

Massachusetts

- Ellen Duong, B.S.**
Quincy, MA

Kevin M. Gao, B.S.
Medford, MA

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Boston, MA

Ju Wang, M.S.
Cambridge, MA

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Sejiro Littleton, B.S.
Davidson, NC

New York

Leon L. Hall, Ph.D.
Rensselaer, NY

Shu Mao, Ph.D.
Tarrytown, NY

Robert A. Mitchell, M.S.
New York, NY

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Karen E. Duffy, M.S.
Spring House, PA

Susan Sapone, M.S.
Erie, PA

Anil Thankappan, M.S.
Newtown, PA

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Danielle M. Dupras, B.S.
Providence, RI

Tennessee

Lea Cunningham, M.D.
Memphis, TN

Texas

Yanping Chen, B.A.
El Paso, TX

Washington

Tessa Bergsbaken, Ph.D.
Seattle, WA

Wisconsin

Melissa M. Riter, M.S.
Milwaukee, WI

**ASSOCIATE
International**

Wengang Song, B.S.
Taian, China

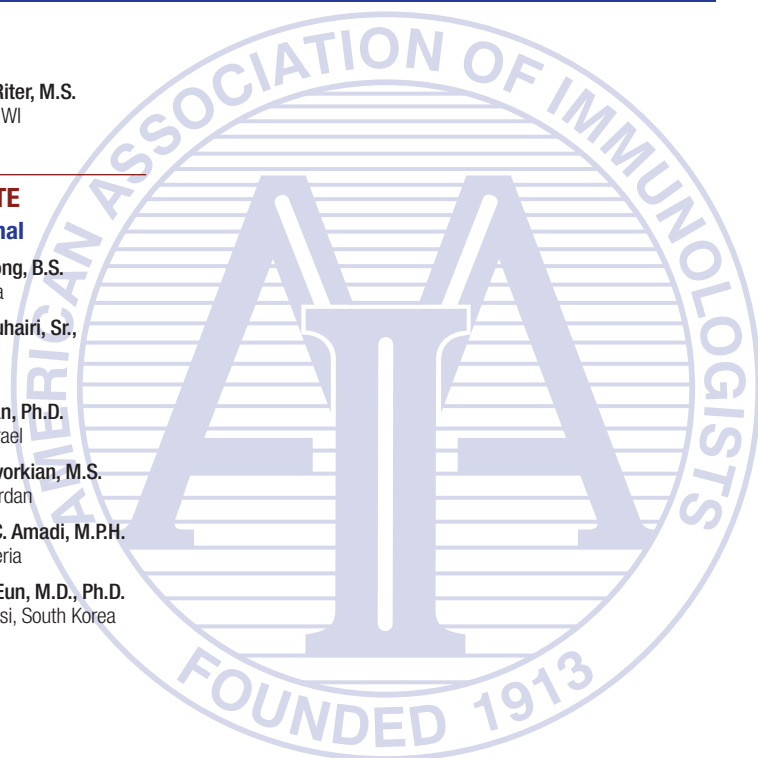
Rafil A. Al-Zuhairi, Sr.,
M.B.Ch.B.
Erbil, Iraq

Bracha Timan, Ph.D.
Netanya, Israel

Apkar K. Kevorkian, M.S.
Amman, Jordan

Emmanuel C. Amadi, M.P.H.
Enugu, Nigeria

Seok-Chan Eun, M.D., Ph.D.
Seongnam-si, South Korea



AAI Invites Additions to List of Women Speakers

The AAI Committee on the Status of Women (CSOW) has revamped the format of the *List of Potential Speakers and Chairs*. (See the November/December 2013 *AAI Newsletter*, page 39.) The committee also announced a new process for individuals to have their names added to the list. The changes are intended to broaden the range of areas of expertise of AAI members and to make the list more accessible and accurate as a resource for enhancing opportunities for women as speakers or chairs at professional meetings.

Listings were originally limited to women serving as heads of immunological research labs, but the CSOW Speaker List is now open to women AAI members fulfilling leadership roles in non-research careers as well.



In addition to representing a broader range of leadership roles occupied by women, the list will be more accessible and more easily maintained. Individuals listed will be able to maintain their own entries as each now links to the individual's Web page.

Viewers can determine how well the profile matches their need for a woman immunologist in a particular leadership role.

Women currently listed must supply their URLs to remain on the list. To be added to the list, contact Mary Bradshaw, AAI staff liaison for the CSOW (mbradshaw@aai.org).



The American Association of Immunologists

Future AAI Annual Meetings

Mark Your Calendar for the Premier Annual Immunology Event!

2016



IMMUNOLOGY 2016™

May 13–17
Seattle, Washington

2017

IMMUNOLOGY 2017™

May 12–16
Washington, D.C.



2018



IMMUNOLOGY 2018™

May 4–8
Austin, Texas

GRANT AND AWARD DEADLINES

January 11

HHMI Medical Research Fellows Program

- **Prize/Award:** Opportunities for medical, dental, and veterinary students to incorporate research in their professional careers through a full-time, one-year basic, translational, or applied research project alongside the mentor of their choice at an academic or non-profit institution in the United States
- **Eligibility:** Prospective physician-scientists, dentist-scientists, and veterinarian-scientists enrolled at medical, dental, or veterinary schools in the United States who are interested in advancing basic/translational biomedical research
- **Details:** www.hhmi.org/programs/medical-research-fellows-program
- **Contact:** (301) 951-6708; medfellows@hhmi.org

January 29

NIH Director's Early Independence Award Program

- **Prize/Award:** As many as 10 awards of up to \$250,000 each in annual funding for up to five years, affording exceptional early-career scientists the opportunity to accelerate their entry into independent research careers by forgoing the traditional postdoctoral training period
- **Eligibility:** Early-career investigators with a record of scientific innovation and research productivity who have demonstrated unusual leadership, drive, and maturity and seek to bypass the traditional postdoctoral training period in favor of pursuing independent research directly after completion of their terminal doctoral/research degree or clinical residency; applicants must be chosen by their designated host institution and be within 12 months of receipt (past or prospective) of terminal doctoral degree or medical residency completion
- **Details:** <http://commonfund.nih.gov/earlyindependence/index>
- **Contact:** (301) 435-0714; GrantsInfo@nih.gov

February 1

Amgen Scholars (U.S. Program; Europe Program; Japan Program)

- **Prize/Award:** Support for undergraduates to participate in cutting-edge research opportunities at one of 17 leading institutions of higher learning in the United States, Europe, and Japan; scholars undertake a summer research project under key

January 12

AAI Travel Awards and Grants

- **Prize/Award:** Awards in 10 categories recognizing the promise and bolstering the professional development of investigators of all career stages through support for travel to the AAI annual meeting
- **Eligibility:** Subject to limited exceptions, eligibility extends to AAI members in good standing
- **Details:** www.aai.org/awards
- **Contact:** AAI: (301) 634-7178; aaiawards@aai.org

January 27

AAI Public Policy Fellows Program (PPFP)

- **Prize/Award:** Up to 10 annual fellowships affording early-career scientists the opportunity, while remaining at their institutions, to learn about and participate in the public policy and legislative activities of AAI; through a Capitol Hill Day experience and other activities, fellows gain insights into the role that federal policymakers/administrators play in determining the policies that affect biomedical research and learn how best to advocate for and help shape the policies that guide their careers and those of their AAI member colleagues
- **Eligibility:** Early-career AAI members (postdoctoral fellows or junior investigators who have received their Ph.D., M.D., or equivalent within the previous 10 years in immunology or a related field) who are committed to a biomedical research career, have an interest in public policy as it relates to biomedical research, and have excellent interpersonal and communication skills
- **Details:** www.aai.org/Public_Affairs/PPFP/index.html
- **Contact:** AAI: (301) 634-7744; jschumacher@aai.org

Continued, next page

faculty, participate with peers in seminars and networking events, and take part in a regional symposium led by leading biotechnology scientists from industry and academia

- **Eligibility:** *U.S. Program*—U.S. citizens or permanent residents who are undergraduate students enrolled in accredited four-year colleges or universities in the United States, Puerto Rico, or other U.S. territories, have a cumulative grade point average of 3.2 or above, and are interested in pursuing a Ph.D. or M.D.-Ph.D.; *Europe Program*—open to students in Europe; *Japan Program*—open to students worldwide
- **Details:** <http://amgenscholars.com/>
- **Contact:** *U.S. Program:* (617) 253-2620, amgenscholars@mit.edu;
Europe Program: amgenecc@admin.cam.ac.uk;
Japan Program—Kyoto University: Universityamgenscholars@mail2.adm.kyoto-u.ac.jp;
Japan Program—University of Tokyo: amgenscholars@ml.adm.u-tokyo.ac.jp

February 1

Lasker Awards for Basic, Clinical Research; Special Achievement in Medical Science

- **Prize/Award:** In each of three categories recognizing individuals who have made significant contributions in basic or clinical research to address diseases that are the main cause of death and disability, an honorarium of \$250,000 along with a citation and inscribed statuette of the Winged Victory of Samothrace, symbolizing victory over death and disease
- **Eligibility:** Scientists or physicians who have opened new fields of research, advancing novel concepts or their applications in a particular biomedical discipline; advances may consist of a specific contribution or long series of contributions demonstrating significant leadership toward the development of research concepts or their clinical application
- **Details:** www.LaskerFoundation.org/awards
- **Contact:** (212) 286-0222; dkeegan@laskerfoundation.org

February 5

L'Oréal USA For Women In Science Fellowship Program

- **Prize/Award:** Five annual awards of \$60,000 each in support of women postdoctoral scientists for their contributions in science, technology, engineering,

and math (STEM) fields and commitment to serving as role models for younger generations

- **Eligibility:** Applicants not in a faculty position who:
 - are American born, naturalized U.S. citizens, or U.S. permanent residents affiliated with U.S.-based academic or research institutions
 - plan to conduct their postdoctoral studies and research in the United States and will maintain postdoctoral researcher status throughout the fellowship year
 - have a conferred Ph.D. and have started in a postdoctoral research position by December 31, 2015
 - are involved in basic research in the life and physical/material sciences, engineering and technology, computer science, or mathematics
 - are committed to at least 20 hours of activity in support of women and girls in science (e.g., mentoring, classroom visits, media, events)
- **Details:** www.lorealusa.com/Foundation/Article.aspx?topcode=Foundation_AccessibleScience_Fellowships
- **Contact:** AAAS (award administrator): (202) 326-6677; ygeorge@aaas.org

February 12

Young Investigator Grant for Probiotics Research

- **Prize/Award:** Three research grants of \$50,000 in one-year funding of new, exploratory research on probiotics and gastrointestinal microbiota in the United States; under exceptional circumstances, a second year of funding may be considered on a competitive basis
- **Eligibility:** Young investigators committed to basic research on gastrointestinal microbiota, probiotics, and their role in health and wellness, including those who do not yet have independent funding; senior fellows with a committed faculty appointment or early faculty members within a maximum of five years of their first faculty appointment (must be in the United States) may apply; proposed research must be conducted at non-profit, U.S. institutions with research programs demonstrating the capacity for probiotics research
- **Details:** <https://probioticsresearch.com/grant-program/>
- **Contact:** (703) 841-1600; gpc@probioticsresearch.com

GRANT AND AWARD DEADLINES *(continued)*

February 15

AAI Travel for Techniques Program

- **Prize/Award:** Up to \$1,500 in reimbursable expenses to support travel to another laboratory to learn a particular technique relevant to the applicant's research
- **Eligibility:** Qualifying AAI regular and associate members in good standing seeking to expand their skills to benefit their research
- **Details:** www.aai.org/careers/TfT.html
- **Contact:** TfT@aai.org

March 15

AAI Careers in Immunology Fellowships

- **Prize/Award:** Multiple awards in support of the laboratories of AAI member principal investigators (PIs), each providing one year's salary for a graduate student or postdoctoral fellow working in the PI's lab
- **Eligibility:** AAI member PIs with less than \$250,000 (excluding PI's salary) in annual direct costs
- **Details:** www.aai.org/Awards/CIIF.html
- **Contact:** fellowships@aai.org

The Journal of Immunology



Cutting Edge
now allows
longer manuscripts!

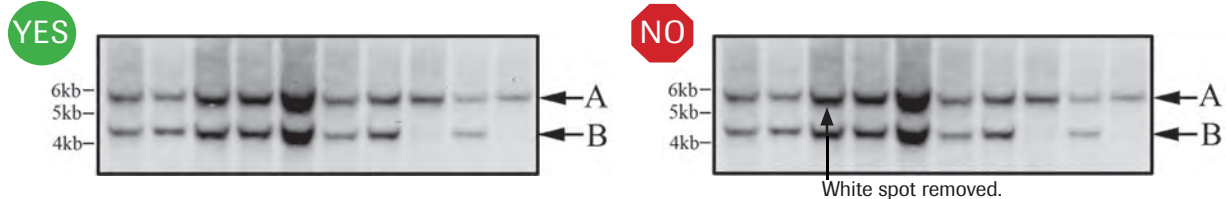
The length restriction on manuscripts submitted to the **Cutting Edge** section of *The Journal of Immunology* has been extended from **four pages** to **five pages**.

Digital Image Dos and Don'ts

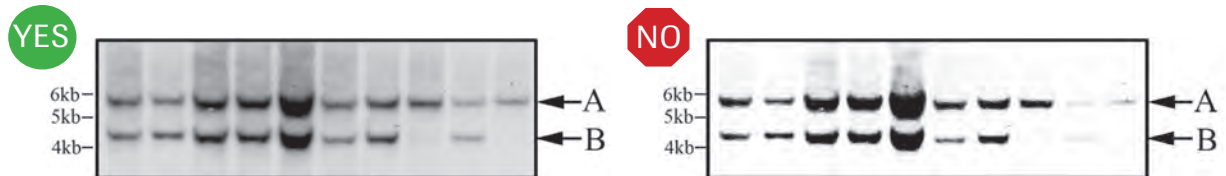


Before preparing manuscript figures, please read the Information for Authors at <http://www.jimmunol.org/site/misc/authorinstructions.xhtml#mspreparation>

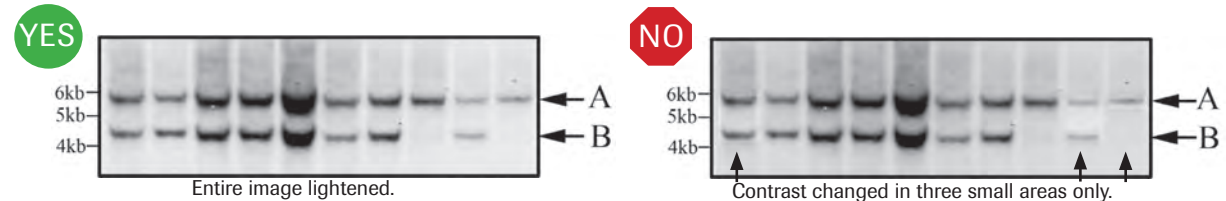
1. Do not erase any part of the image, including the background.



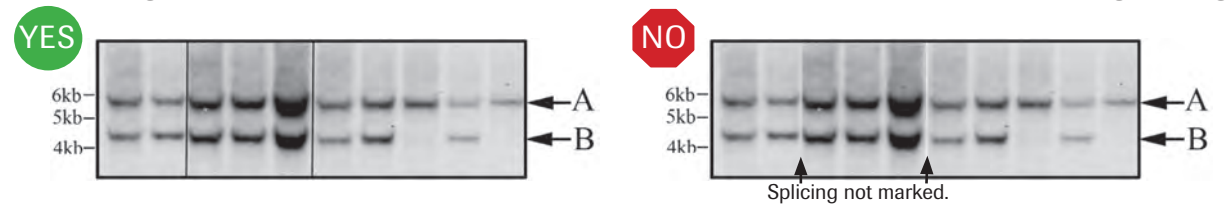
2. Do not use excessive contrast that removes background.



3. Make any adjustments to brightness or contrast equally across the entire image.



4. Indicate any splicing of data from a single experiment by contrasting (black or white) lines; state the manipulation in the legend. Images from different experiments should not be spliced to form a new single image.



5. Crop gels and blots conservatively, retaining important bands.



- All images submitted to *The Journal of Immunology* must accurately represent the original data.
- Original data (digital files, autoradiographs, films, etc.) for all experiments should be fully annotated, secured, and retrievable for up to 10 years.
- The original image file (raw data file) should be kept in an unprocessed and non-compressed file format.
- Figures that are compiled into multi-figure panels should be kept individually.

Meetings and Events Calendar

Mark Your Calendar for These Important Dates!

2016

January 14–15, 2016

Environment and Health: What's the Microbiome Have to Do With It?

National Academy of Sciences
Washington, DC
<http://nas-sites.org/emergingscience/meetings/microbiome2/>

January 17–22, 2016

The 5th NIF Winter School on Advanced Immunology

Awaji, Japan
<http://ifrec-sign-winterschool.org/>

January 23–26, 2016

The 55th Midwinter Conference of Immunologists at Asilomar

Pacific Grove (near Monterey), CA
www.midwconimmunol.org

February 14–16, 2016

NGI2016: Next Gen Immunology (EMBO Conference: From Host Genome to the Microbiome: Immunity in the Genomic Era)

Weizmann Institute of Science
Rehovot, Israel
www.weizmann.ac.il/conferences/NGI2016/welcome

February 18–22, 2016

2016 BMT Tandem Meeting

Honolulu, HI
www.cibmtr.org/Meetings/Tandem/index.html

March 6–9, 2016

5th Conference of the South African Immunology Society

Glenburn Country Hotel and Spa
Muldersdrift, South Africa
www.saimmunology.org.za/

April 2–6, 2016

Experimental Biology (EB) 2016 (APS, ASPET, ASIP, ASN, AAA, ASBMB)

San Diego Convention Center
San Diego, CA
www.experimentalbiology.org/x

April 2–6, 2016

29th Annual Canadian Society of Immunology Spring Meeting

The Westin Hotel
Ottawa, Ontario
www.csi-sci.ca/scientific_meeting_2016.html

April 18–20, 2016

2016 Annual Conference on Vaccine Research

Baltimore, MD
Contact: www.csi-sci.ca/scientificmeeting/
www.cvent.com/d/9rq50c?refid=aai

May 13–17, 2016

IMMUNOLOGY 2016™ AAI Annual Meeting

Seattle, WA
www.immunology2016.org

June 2–3, 2016

Postdoctoral Preparation Institute: Career Transitions

Bethesda North Marriott Hotel & Conference Center
Bethesda, MD
<http://twdprograms.org>

June 2–5, 2016

Eastern Allergy Conference

The Breakers
Palm Beach, FL
www.easternallergyconference.org

June 16–19, 2016

Regulatory Myeloid Suppressor Cells Conference

The Wistar Institute
Philadelphia, PA
www.myeloidsuppressors.com/

June 22–24, 2016

VLPNPV 2016 - Virus-Like Particle and Nanoparticle Vaccines

Leiden, the Netherlands
<http://meetingsmanagement.cmail19.com/t/d-1-jiurdkl-vckugr-j/>

July 1–4, 2016

9th International Conference of the Frontiers in Immunology Research Network

Grand Hotel Union
Ljubljana, Slovenia
www.firnweb.com/2016-conference/

July 9–14, 2016

AAI Introductory Course in Immunology

Long Beach, CA
www.aai.org/Education/Courses/Intro/index.html

July 24–29, 2016

IgE and Allergy, 50 Years and Onward (FASEB Science Research Conference),

West Palm Beach, FL
www.faseb.org/SRC

July 31–August 5, 2016

AAI Advanced Course in Immunology

Boston, MA
www.aai.org/Education/Courses/Advanced/index.html

August 16–19, 2016

IVIS 2016: International Veterinary Immunology Symposium

Gold Coast Convention Centre
Gold Coast, Australia
www.ivis2016.org/

August 21–26, 2016

ICI 2016: International Congress of Immunology 2016

Melbourne, Australia
<http://ici2016.org>

September 21–24, 2016

European Society for Immunodeficiencies (ESID) 2016

Centre Convencions Internacional de Barcelona (CCIB)
Barcelona, Spain
www.esid.org

Track updated meeting listings anytime via the online Meetings and Events Calendar – visit www.aai.org/Careers/Calendar/index.html.

Meetings and Events Calendar

Mark Your Calendar for These Important Dates!

2016 *(Continued)*

September 26–28, 2016

Immunogenomics 2016

HudsonAlpha Institute for Biotechnology
Huntsville, AL
<http://hudsonalpha.org/immunogenomicsconference/>

September 27–30, 2016

46th Annual Meeting of the German Society for Immunology

Congress Center Hamburg (CCH)
Hamburg, Germany
www.immunology-conference.de/

November 18–21, 2016

Autumn Immunology Conference (AIC) 2016

Chicago Marriott Downtown
Chicago, IL
www.autumnimmunology.org/

2017

April 7–10, 2017

30th Annual Canadian Society of Immunology Spring Meeting

The Banff Centre
Banff, Alberta
www.csi-sci.ca/scientificmeeting.aspx#other

May 12–16, 2017

IMMUNOLOGY 2017™ AAI Annual Meeting

Walter E. Washington Convention Center
Washington, D.C.
www.aai.org/Meetings/Future_Meeting.html

November 17–20, 2017

Autumn Immunology Conference (AIC) 2017

JW Marriott
Chicago, IL
www.autumnimmunology.org/

2018

May 4–8, 2018

IMMUNOLOGY 2018™ AAI Annual Meeting

Austin, TX
www.aai.org/Meetings/Future_Meeting.html

November 16–19, 2018

Autumn Immunology Conference (AIC) 2018

Chicago Marriott Downtown
Chicago, IL
www.autumnimmunology.org/

2019

May 9–13, 2019

IMMUNOLOGY 2019™ AAI Annual Meeting

San Diego Convention Center
San Diego, CA
www.aai.org/Meetings/Future_Meeting.html

GRIP

Grant Review for Immunologists Program

Get a **GRIP**: An AAI program designed to help new investigators prepare their NIH grant proposals

The AAI Grant Review for Immunologists Program (GRIP) offers new principal investigators (PIs) access to established PIs for guidance in preparing grant proposals as they embark on their independent careers. Early-career PIs (assistant professors or equivalents) are invited to submit their grants' "Specific Aims" pages to the GRIP coordinator who, with the assistance of a small volunteer subcommittee, will attempt to match each topic of the proposal with the research experience of an established PI. Matches will be made as quickly as possible to allow participants to meet upcoming NIH grant deadlines. Participation is open only to AAI regular members and is strictly voluntary. The program is not intended to supplant internal mentoring programs at applicants' institutions.

To apply, please send your CV and the grant's "Specific Aims" page to infoaai@aai.org. (please write "GRIP" in the subject line)

To volunteer as a mentor, please send your CV and a brief description of your grant-reviewing experience to infoaai@aai.org. (subject line "GRIP")



Program details at aai.org/Education/GRIP

THE SCIENTISTS BEHIND THE SCIENCE

AAI Oral History Project Available Online

To provide contemporary investigators and the public a rare view into the lives and times of influential immunologists, AAI arranged for the award-winning Oral Historian Brien Williams, Ph.D., to interview past AAI presidents, beginning in the spring of 2012. Interviewees were asked about their family backgrounds, early interest in science, reasons for studying immunology, career and research highlights, challenges faced, balancing professional and private life, hobbies outside of the laboratory, major changes in immunology over the course of their careers, and the future of immunology and science in the United States. The sessions, typically one and one-half to two hours in length, were professionally recorded and edited in high-definition video.

“Scientific contributions live on as researchers continue to build upon the work of the past, yet present-day investigators often know little about the scientists responsible for them,” said AAI Historian John Emrich, Ph.D., who first conceived of the Oral History Project in 2011. “The ‘Pillars of Immunology’ series in *The Journal of Immunology* makes the connections between past and present science more explicit than they otherwise would be, but investigators rarely have the opportunity to hear about their predecessors’ motivations, their hardships suffered and overcome, their lives outside of the laboratory, or even their candid thoughts on the state of the field.”

To date, 25 past presidents have been interviewed. Their presidential terms span five decades, from that of Herman Eisen (AAI '51, president 1968–69, now deceased) to Leslie Berg (AAI '94, president 2011–12). Included in this group were two past presidents in their 90s, Eisen and David Talmage (AAI '54, president 1978–79, now deceased); six in their 80s; and four in their 70s.

The memories and reflections contained in these interviews constitute an important facet of the history of immunology that would likely be lost to future generations if not preserved in the AAI Oral History Project. As AAI continues to conduct interviews with additional presidents and other influential immunologists, members and the general public are invited to view the oral histories already recorded. Video clips and the full-length interviews, which have been optimized for playback on TVs, computers, and mobile devices, are available at www.aai.org/ohp.



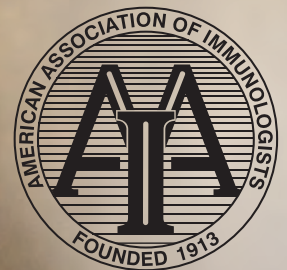
Oral History Interviews Currently Available:

- Herman N. Eisen (1968–69)
- K. Frank Austen (1977–78)
- David W. Talmage (1978–79)
- Jonathan W. Uhr (1983–84)
- William E. Paul (1986–87)
- Max D. Cooper (1988–89)
- Henry Metzger (1991–92)
- Frank W. Fitch (1992–93)
- Ellen S. Vitetta (1993–94)
- Irving L. Weissman (1994–95)
- Richard W. Dutton (1995–96)
- Katherine L. Knight (1996–97)
- Roger M. Perlmutter (1999–2000)
- Philippa Marrack (2000–01)
- James P. Allison (2001–02)
- Paul W. Kincade (2002–03)
- Laurie H. Glimcher (2003–04)
- Susan L. Swain (2004–05)
- Paul M. Allen (2005–06)
- Lewis L. Lanier (2006–07)
- Olivera J. Finn (2007–08)
- Arthur Weiss (2008–09)
- Betty A. Diamond (2009–10)
- Jeffrey A. Frelinger (2010–11)
- Leslie J. Berg (2011–12)

IMMUNOLOGY 2016™

MAY 13-17, 2016 WASHINGTON STATE CONVENTION CENTER SEATTLE, WA

SAVE THE DATE



www.IMMUNOLOGY2016.org



AAI Courses in Immunology

2016 Introductory Course in Immunology

July 9–14, 2016 • Long Beach Convention Center • Long Beach, California

This comprehensive two-part course provides an in-depth overview of the basics of immunology.

2016 Advanced Course in Immunology

July 31–August 5, 2016 • Seaport World Trade Center • Boston, Massachusetts

This intensive course is directed toward advanced trainees and scientists who wish to expand or update their understanding of the field.

For more information visit www.aai.org/Education/Courses
Please direct inquiries to meetings@aai.org or 301-634-7178.