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THE AMERICAN ASSOCIATION OF
IMMUNOLOGISTS
AAI NEWSLETTER

Spotlight on Immunology 2003

Last issue, we previewed the 2003 President's Address, Distinguished Lectures, President's Symposium, Major Symposia, Special Symposia, and Special Events. In this issue, we spotlight a Denver-area welcome (below) and, beginning on **page 6**, the 2003 Minority Affairs Events (Awards, Luncheon, Lecture); Guest Society Symposia; and AAI Topic Categories for abstract submitters.

To submit an abstract, view the entire program, register, etc., visit: WWW.FASEB.ORG/MEETINGS/AAI03

Denver Members Offer Early Rocky Mountain Welcome

by John Cambier, John Kappler, and Pippa Marrack



Photo: Denver Metro Convention & Visitors Bureau

On behalf of the immunologists of Colorado, we'd like to invite all of you to come to the AAI meeting in Denver next May. Denver has a long and illustrious history as a center of immunological research. IgE was discovered here in the 1960s by Drs A. and T. Ishizaka. At about the same time Henry Claman and his colleagues showed that B cells need T cell help in order to make antibody. Since then scientists

See *Rocky Mountain Welcome*, p. 7

FOCUS ON PUBLIC AFFAIRS

by Lauren G. Gross, AAI Director of Public Policy and
Government Affairs

The long legislative session that was the 107th Congress came to an end on November 21, following a productive "lame duck" session driven in large measure by the results of the November elections. With the voters giving control of the Senate back to the Republicans, and with the Administration and House of Representatives remaining under Republican leadership, the lame duck session saw the passage of several Administration priorities. It also raised some potential new concerns for scientists about the future funding of biomedical research. The good and the potentially not-good are described below:

Creation of the Department of Homeland Security

After months of controversy and weeks of debate by the U.S. Senate, the Senate finally followed the House of Representatives in approving legislation to create a new Department of Homeland Security (DHS). President Bush has signed the legislation into law, and has nominated Homeland Security Chief/former Pennsylvania Governor Tom Ridge to head this new Cabinet-level agency.

AAI has not taken a position on the creation of this new department, said to be the largest reorganization of the federal government in 50+ years. But we did advocate strongly for the retention of control by the National Institutes of Health (NIH)/National Institute of Allergy and Infectious Diseases (NIAID) of all biomedical research, whether related to biodefense or not. (The original Administration homeland security proposal would have transferred both the funding and setting of biodefense research priorities to the new Homeland Security

See *Focus on Public Affairs*, p. 3

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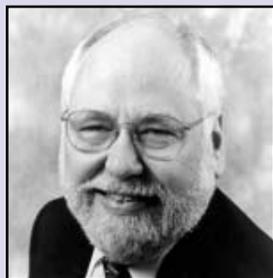
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Changing of the Guard Underway at *The JI*

Robert R. Rich to Assume Editor-in-Chief Helm on January 1



Bob Rich

The recent fall meeting of the AAI Publications Committee highlighted the smooth transition underway at *The Journal of Immunology (The JI)* between outgoing Editor-in-Chief Frank Fitch and incoming editor Bob Rich. The meeting was chaired by Publications Committee Chair Steven Miller, whose report on the meeting was submitted to the AAI Council for its November meeting in Bethesda.



Frank Fitch

At the Publications Committee meeting in October, Dr. Fitch provided his customary overview of *The JI* performance as reflected in updated statistics on *The JI* acceptance rates, number of published manuscripts, time to initial decision, time from acceptance to print, page length distribution, country of manuscript origin, impact factors, and number of membership invitations and subsequent acceptances sent. He offered an update on *The JI's* ongoing evolution from "hard copy" to electronic manuscript submission and review, and reported on the finalization of new section and associate editor appointments for the year.

Director of Publications Ann Link provided a history and statistical snapshot of *The JI* operations, including subscription-rate-increase-to-inflation figures and the impact on revenues and reserves of such initiatives as the introduction of the online journal in 1998. She outlined possible future

See *Changing of the Guard...*, back cover

AAI Launches Successful Introductory Immunology Course

Based in part on the long-running success of AAI's Advanced Course, and in response to interest in a similar course for non-immunologists, the AAI presented its first Introductory Course in Immunology this past June. The course is aimed at trained scientists who lack specific immunology training but whose work requirements or interests encompass immunology, and addresses the concerns of past Advanced Course students who felt "overmatched". More than 140 attendees and 13 faculty participated in the inaugural Introductory Course, from June 22-29, 2002, on the campus of Tufts University outside Boston.

Led by course director Dr. Leslie Berg, a University of Massachusetts professor and Chair of AAI's Education Committee, AAI designed a two-part curriculum. Part I, a comprehensive introduction to basic principles of immunology, was geared to students with a strong science background (graduate/ medical students, postdoctoral fellows, research scientists/medical professionals with an interest in immunology). Part II, aimed at students with a strong understanding of current principles of basic immunology through course work or research experience, comprised a lecture course covering major areas of immunology studied in clinical, biotechnology, and academic research centers.

Part I instructors Judy Owen and Jennifer Punt (both Haverford College faculty) performed superbly in outlining lecture topics, developing materials, and creating and delivering animated, interactive lectures over three days. Ron Germain, NIAID, who presented the introductory lecture, *The Immune*



Intro Course faculty included (L-R) Jennifer Punt, Ron Germain, Leslie Berg, and Judy Owen

See *Intro Course a Success*, p. 9

FOCUS ON PUBLIC AFFAIRS (*Cont'd from p. 1*)

Department.) As we reported in this space before, AAI President Paul Kincade and AAI Committee on Public Affairs Chair Jeffrey A. Frelinger wrote to 60+ key members of Congress and AAI volunteers/staff visited the offices of some twelve Senators and Members of Congress to urge that the ability to fund and set priorities for this research remain with the NIH/NIAID. (See Kincade/Frelinger letter in the *AAI Newsletter*, August 2002, p.4). We are very pleased to report that the final legislative language does indeed accomplish our goal. Specifically, the law provides that:

“the Secretary of Health and Human Services shall set priorities, goals, objectives, and policies and develop a coordinated strategy for such activities in collaboration with the Secretary of Homeland Security” for all “civilian human health-related research and development activities relating to countermeasures for chemical, biological, radiological, and nuclear and other emerging terrorist threats carried out by the Department of Health and Human Services....”

NIH Appropriations for FY 2003

The 107th Congress adjourned without passing either a budget resolution (a blueprint for allocating federal funds) or 11 of the 13 annual appropriations measures (which fund the various government agencies). The FY 2003 appropriations bill for the Departments of Labor, Health and Human Services, Education, and Related Agencies (“the Labor/HHS Appropriations bill”), which funds the NIH and its extramural grants, did not become law. The NIH, along with many other government agencies, is currently being funded by a “continuing resolution” (“CR”), a resolution approved by the Congress which keeps government agencies funded in the absence of an appropriations bill becoming law. The current CR runs through January 11, 2003. While President Bush is urging Congress to pass all remaining FY 2003 appropriations bills in the early days of the next session (early January), there is concern about what will happen next, especially for the more expensive and complex bills, including the Labor/HHS bill. There are five basic possibilities, ranging from very good to very bad. I’ll start with the best, though least likely, scenario:

1. A Labor/HHS Appropriations bill will pass, fully funding NIH at the President’s requested budget level of \$27.3 billion, completing the 5th and final year of doubling the NIH budget; or

2. A Labor/HHS Appropriations bill will not pass, but NIH will be exempted from the appropriations debacle and given its full FY 2003 appropriation, resulting in an infusion of new money almost 4-5 months into the current fiscal year; or

3. A Labor/HHS Appropriations bill will pass, but NIH will not be given its full FY 2003 appropriation, in part because it would result in a “flood” of new money 4-5 months into the current fiscal year (some lawmakers believe that the new money could not all be spent in the 7-8 months then remaining in FY 2003, a view which is

not generally shared by NIH administrators) and in part because it would increase the federal deficit; or

4. NIH will be funded through a CR at its FY02 level through FY03, resulting in a one-year delay of the 5th and final year of doubling the NIH budget (meaning the FY 2004 budget would contain the final doubling increase); or

5. NIH will be funded through a CR at its FY02 level through FY03 and receive inflation-only or small increases in subsequent years, resulting in the permanent loss of the 5th and final year of doubling of the NIH budget and resulting, by approximately FY 2007, in the loss of the effect of the doubling (see *NIH appropriations for Future Years*, below).

In the fall, AAI Committee on Public Affairs Chair Jeffrey A. Frelinger wrote to House Speaker Dennis Hastert (R-Ill.), urging completion of the regular appropriations process (see letter on page 5). AAI also joined in sending a letter (co-signed by dozens of scientific and educational organizations) to President Bush and House and Senate leaders urging prompt completion of the FY 2003 appropriations process.

Earlier this fall, NIH Director Elias Zerhouni warned Congress that further delay in passing the Labor/HHS appropriations bill could delay the funding of, or result in NIH’s inability to fund, some biodefense research grants scheduled to be awarded in December and January. More recently, however, NIAID Director Anthony Fauci reassured the research community that the current CR adequately protects biodefense research and expressed great confidence that a budget for FY 2003 would be approved well before any funding crisis could occur.

While AAI is concerned about the serious potential consequences of the stalled appropriations process, we remain cautiously optimistic that NIH will end up receiving the 5th and final year of “doubling” funds, resulting in a total NIH budget of about \$27.3 billion for FY 2003.

NIH appropriations for Future Years

AAI has been concerned about what will happen to the NIH budget in the “post-doubling” era, and has joined other organizations in calling for a “soft landing” – i.e., lower appropriations than during the doubling period but enough to sustain the momentum and benefits of doubling. As indicated above, there is concern that inflation-only or very small increases in the NIH budget for the next several years (which currently appear very likely) could undermine the effect of the 5-year doubling by FY 2007. Sharing those concerns is one of NIH’s leading champions in the Senate, Senator Arlen Specter (R-PA), who recently introduced a resolution calling for the “tripling” of the NIH budget over the next 5 years (once doubling is completed). The “tripling” would use as a base FY 1998 numbers and would result in an annual increase of 8.45%, a number that some consider the minimum necessary to ensure that the effects of the NIH budget doubling are not lost.

FOCUS ON PUBLIC AFFAIRS (*Cont'd from p. 3*)

AAI is very hopeful that Senator Specter will agree to serve, once again, as the chairman of the Senate Appropriations Subcommittee on Labor/HHS when the 108th Congress convenes in January. His leadership on biomedical research issues, including NIH funding, has been and will remain critically important to the rapid advancement and success of biomedical research in this country. For his extraordinary leadership, Senator Specter received AAI's Public Service Award in June of 2001.

antibiotic resistance

AAI recently expressed support for legislation introduced by Senators Edward M. Kennedy (D-MA) and Jack Reed (D-RI) to prohibit the use of antimicrobial agents in animal feed unless the manufacturer can demonstrate that their use does not contribute to antibiotic resistance. In his letter, AAI Committee on Public Affairs Chair Jeffrey A. Frelinger indicated that “[w]hile AAI members are working to develop new immunologically based, antibiotic independent therapies to control bacteria that have become resistant to current drugs, every effort should also be made to slow the development of drug resistance.” He expressed AAI's view that S.2508, the Preservation of Antibiotics for Human Treatment Act of 2002, “takes an important step toward preserving the effectiveness of existing antibiotics.”

National Science Foundation (NSF) Reauthorization Act/ NSF appropriations

Congress has approved and the President has signed into law a Reauthorization Act for the National Science Foundation (NSF). The bill reauthorizes the NSF for 5 years and authorizes funding increases that could result in the doubling of the current NSF budget over 5 years.

The appropriations bill for the Departments of Veterans Affairs, Housing and Urban Development and Independent Agencies (“the VA/HUD appropriations bill”), which funds NSF, has not yet become law. While both the House and Senate versions of the bill have made their way through their respective committees, and include an increase of approximately 12% for FY 2003, any actual increase will depend on the resolution of the current appropriations debacle.

Technology Talent Act

As introduced, the Technology Talent Act authorized a National Science Foundation (NSF) program to increase the “technically trained workforce in the United States” but excluded biologists/ the life sciences from participation. In a letter to the Chairman of the House Science Committee, Rep. Sherwood Boehlert (R-23rd, NY), AAI President Paul Kincade urged that the legislation be modified to “permit the Director of the National Science Foundation ...to include, where appropriate, the biological sciences; this approach would be more conducive to fostering the increasingly interdisciplinary nature of scientific research and

recognize the wide variety of academic backgrounds that undergraduates bring to their graduate studies and professional pursuits.” We are very pleased to report that a revised version of the bill was modified as requested, authorizing a “program of competitive, merit-based, multi-year grants for eligible applicants to increase the number of students studying toward and completing associate's or bachelor's degrees in science, mathematics, engineering, and technology, particularly in fields that have faced declining enrollment in recent years.” The bill has become law as part of the NSF Reauthorization Act.

“Just-in-Time”

We reported in the June issue of this newsletter about comments AAI submitted to NIH supporting a proposed change in the PHS Policy on Humane Care and Use of Laboratory Animals. The change would permit institutions with PHS Animal Welfare Assurances to submit verification of IACUC approval for competing applications to NIH subsequent to peer review but prior to the award. We are delighted to report that NIH adopted this proposed change, which became effective on September 1, 2002 (i.e., for all applications submitted for the May – June 2003 Advisory Council dates).

OMB “clarification” re: Circular A-21

The White House Office of Management and Budget (OMB) recently issued proposed guidelines seeking to combine three separate, existing policies as part of an administrative streamlining effort. The scientific research community identified several significant problems caused by the proposal, and AAI submitted a comment letter expressing concern about, and opposition to, two specific proposed changes (described below):

1. the modification of Circular A-21 to prohibit the use of grant funds for foreign travel unless the grantee has received “prior approval of the awarding agency;” and
2. the addition of a prohibition against using grant funds for publication or printing costs except with prior approval of the granting agency.

OMB had indicated that it did not intend to change existing policies through this “clarification”; we are hopeful that these changes were inadvertent and will be dropped.

Administration/HHS “overhaul” on science advisory committees

AAI has been very concerned about reports regarding the Bush Administration's decision to dissolve certain federal scientific advisory committees and to re-establish new committees populated by scientists whose views are more consistent with the Administration's views. As a result, AAI Committee on Public Affairs Chair Jeffrey A. Frelinger sent letters of appreciation to two Senators and twelve Members of Congress who wrote to

continued, next page

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October 8, 2002

The Honorable J. Dennis Hastert
Speaker
U.S. House of Representatives
H-232 Capitol Building
Washington, D.C. 20515

by fax to (202) 226-1996

Dear Mr. Speaker:

The American Association of Immunologists (AAI) is very concerned about reports that the House leadership may put forward a long-term continuing resolution (CR) as a means of addressing the urgent need for passage of numerous appropriations measures for FY 2003. Such a procedure would likely put at risk much of the important research that immunologists are currently conducting, including the pressing need for more research into agents of bioterrorism.

AAI is a professional association of more than 6,000 research scientists and physicians dedicated to understanding the immune system - resulting in the prevention, treatment, and cure of disease. Through funding from the National Institutes of Health (NIH), our members are working on some of the most critically important and promising areas of biomedical research. These include, for example:

- developing effective vaccines for HIV/AIDS, influenza, and agents of bioterrorism;
- discovering new defenses against re-emerging tuberculosis and drug-resistant bacterial infections;
- regulating debilitating autoimmune diseases such as diabetes and lupus;
- developing treatments to prevent the rejection of transplanted organs and bone marrow; and
- discovering the causes of cancer and promising new treatments.

In this post 9/11 era, immunologists are responding to urgent government requests for research into agents of bioterror by developing and submitting applications for such research. A long-term CR funded at FY 2002 levels would eliminate:

- 1) the nearly \$800 million increase proposed by President Bush for new, basic research into agents of bioterror;
- 2) the \$250 million in funding for developing and testing an improved anthrax vaccine; and
- 3) the \$150 million intended to help research and higher education institutions upgrade facilities where research on biological agents can be safely and securely conducted.

Health and Human Services Secretary Tommy Thompson expressing concern about, and seeking an explanation regarding, these actions. In his letter, Dr. Frelinger expressed AAI's appreciation for the legislators'

"efforts to preserve the quality and independence of federal government scientific advisory panels.... We believe strongly that it is in the best interest of the public, the government which serves them, and the advancement of science that members of government scientific advisory panels be selected on the basis of the excellence of their science, and not on the basis of their political affiliations, voting history, or political or religious views. In short, millions of lives depend on government officials receiving - and taking - the very best and most dependent scientific advice that is available."

The 108th Congress will convene in early January 2003. AAI will be ready and welcomes your input, questions, and participation.

Letter from AAI to The Honorable J. Dennis Hastert
October 8, 2002
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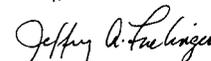
In addition, a long-term CR would likely result in the loss of the fifth and final year of doubling of the nation's biomedical research budget (an increase of nearly \$4 billion to the NIH), severely damaging ongoing research efforts which depend upon Congress's fulfilling this long-standing commitment. Important research would have to be slowed or stopped, and the substantial investment made in the biomedical sciences over the last four years could be lost.

Many of our members are doing what they can to re-tool their research to address the nation's urgent health and safety needs. We depend, however, on federal dollars to support this research. We urge you to work with House Appropriations Chairman C. W. Bill Young to resolve this urgent matter so that our scientists can do the important work that needs to be done.

Please feel free to contact me or Lauren Gross, AAI's Director of Public Policy and Government Affairs (at 301-571-0643), if we can be of assistance to you on this or any other biomedical research matter.

Thank you for your kind consideration.

Sincerely,



Jeffrey A. Frelinger, Ph.D.
Chair, AAI Committee on Public Affairs

cc: The Honorable C. W. Bill Young
Chairman, House Appropriations Committee

Spotlight on Immunology 2003

Minority Affairs Activities

Minority Scientist Travel Award Program

The Minority Affairs Committee supports the participation of under-represented minority scientists at the AAI annual meeting through committee activities and offering the Minority Scientist Travel Awards. This award program is generously funded by a FASEB-MARC Award from NIGMS/NIH. These travel awards are open to students, post-doctoral trainees, and junior faculty who meet the stated criteria. Although submission of an abstract at the meeting is not a requirement, it is encouraged. Applicants submitting abstracts will be given priority consideration. For more information and application instructions, go to www.aa1.org and click on Awards. The 2003 Minority Scientist Travel Awards will be presented during a May 9, 2003, luncheon hosted by AAI's Minority Affairs Committee.

Minority Scientist Travel Award Recipient Luncheon

AAI Minority Scientists Travel Awardees for 2003 will be honored at a luncheon hosted by the Minority Affairs Committee. Committee members and other senior scientists will lunch with the awardees on Friday, May 9, 2003, at 11:30 a.m. The lunch will be followed by a committee-sponsored presentation.

AAI Minority Affairs Committee Presentation

Richard Goldsby (AAI '95), a biology professor and lecturer at Amherst College and adjunct professor at the University of Massachusetts, will present *Human antibody from human artificial chromosome transgenic cloned cattle*. The presentation will be open to all meeting participants and will take place on Friday, May 9 at 12:30 p.m. following the Minority Scientist Travel Award Recipient Luncheon.



Guest Society Symposia

Invited guest society sessions programmed to date include:

American Association of Veterinary Immunologists (AAVI) Symposium: Genomics & the Immune Response to Infection

Chair: **Doug Antczak**, Chair, AAI Veterinary Immunology Committee, Cornell Univ. College of Veterinary Medicine
Co-Chair: **Federico Zuckermann**, Univ. of Illinois
Michael Katze, Univ. of Washington, *Genomics and the immune response to infection*
Mitch Abrahamsen, Univ. of Minnesota, *Regulation of bovine mucosal gene expression to *Cryptosporidium parvum* infection*
Harry Dawson, USDA, *Gene expression profiling of porcine parasitic infections by real time PCR arrays*
Yhue-hsiu Chien, Stanford Univ. School of Medicine, *Transcriptional profile of murine intestinal gamma/delta T cells during *yersinia* infection*

American Society of Transplantation (AST) Symposium

Chair: **Charles Orosz**, Ohio State Univ. College of Medicine
Co-Chairs: **T. Mohanakumar**, Washington Univ. School of Medicine, **Geraldine Miller**, Vanderbilt Univ.

To view the entire program and for complete details on abstract submission, awards, registration, hotel reservations, exhibits, etc., visit the Immunology 2003 website at:

www.faseb.org/meetings/aa103

Speakers: TBA

Introduction

Unraveling the mechanisms of costimulatory pathways using immunosuppressive agents

Immunosuppression: effect on cell signaling events

Current concepts of tolerance induction learned through the use of today's immunosuppression

Molecular pathways of action of new immunosuppressive agents and gene therapy

Concluding remarks

Association of Medical Laboratory Immunologists (AMLI) Symposium: New Insights into Immunologic Disorders

Co-Chairs: **C. Lynne Burek**, Johns Hopkins Univ., **Patricia C. Giclas**, National Jewish Medical and Research Center

Patricia C. Giclas, National Jewish Medical and Research Center, *Analysis of complement disorders*

James F. Jones, National Jewish Medical and Research Center

Susan Boackle, Univ. of Colorado, *Complement receptor deficiencies*

Ronald J. Harbeck, National Jewish Medical and Research Center, *Phagocyte defects*

Canadian Society for Immunology (CSI) Symposium: Genomic Approaches to Immunobiology

Co-Chairs: **Jayne Danska**, Univ. of Toronto, **Sylvia Vidal**, Univ. of Ottawa

Speakers: TBA

Clinical Immunology Society (CIS) Symposium: Emerging Targets and Therapies in Autoimmune Disease

Chair: **Brian L. Kotzin**, Univ. of Colorado Health Sciences Center
Co-Chair: **George Eisenbarth**, Barbara Davis Center for Childhood Diabetes

Scott Zamvil, Univ. of California, San Francisco, *The use of statins to suppress multiple sclerosis*

Ari Theofilopoulos, Scripps Research Institute, *Targeting interferon in systemic lupus*

Robert Eisenberg, Univ. of Pennsylvania, *Targeting B cells (anti-DC20) in systemic lupus and rheumatoid arthritis*

Christopher H. Evans, Harvard Medical School, *Cell delivery of gene therapy*

International Society for Interferon and Cytokine Research (ISICR) Symposium: Frontier of Interferon and Cytokine Research

Chair: **Keiko Ozato**, NICHD, NIH

Sidney Pestka, UMDJ-Robert Wood Johnson Medical School, *Real-time visualization of IFN-receptor interaction*

Ganes Sen, Cleveland Clinic Foundation, PKR and the mechanism of action

Keiko Ozato, NICHD, NIH, *The role of IRFs in toll-like receptor signaling in dendritic cells*

David Levy, New York Univ. School of Medicine, *Role of stat 3 in inflammation and cancer*

International Society for NeuroImmunoModulation (ISNIM) Symposium: Neural and Neuroendocrine Factors in Susceptibility and Resistance to Infectious Diseases

Chair: **Jane Welsh**, Texas A&M Univ.

Monika Fleshner, Univ. of Colorado, Boulder, *Stress-induced extracellular HSP72 is a functionally significant "danger signal" to the immune system*

Ester M. Sternberg, NIMH, *Neuroendocrine factors regulating expression of inflammatory and infectious disease*

Mary Meagher, Texas A&M Univ., *Naturalistic stressors and their effects on Theiler's virus infection*

C. Jane Welsh, Texas A&M Univ., *The effects of restraint stress on an animal model of multiple sclerosis*

International Society of Neuroimmunology (ISNI) Symposium: Regulation and Therapy of CNS Autoimmune Diseases

Co-Chairs: **Stephen Miller**, Northwestern Univ. Medical School; **Vijay Kuchroo**, Harvard Univ.

Speakers:

Vijay Kuchroo, Harvard Univ., *Pathogenic mechanisms in the induction of autoimmunity of the CNS*

Celia Brosnan, Albert Einstein College of Medicine, *A role for TGFbeta in the re-expression in the adult of a developmental pathway that restricts myelination*

Cory Teuscher, Univ. of Illinois, Urbana, *Histamine receptor signaling in immune deviation and central nervous system autoimmune disease*

Stephen Miller, Northwestern Univ. Medical School, *Mechanisms of suppression of EAE by CD4+CD25+ regulatory T cells*

Scott Zamvil, Univ. of California, San Francisco, *Immune modulation by statins*

PsychoNeuroImmunology Research Society (PNIRS) Symposium: Cytokine Actions in the Brain

Chair: **Linda Watkins**, Univ. of Colorado, Boulder

Linda Toth, Southern Illinois Univ. School of Medicine, *Immunology and sleep: the infection connection*

Alexander W. Kusnecov, Rutgers Univ., *Impact of bacterial superantigens on neuroendocrine and behavioral systems responsive to stress: role of TNF and IL-2*

William A. Banks, St. Louis Univ. School of Medicine, *Cytokine transport across the blood-brain barrier*

Steven F. Maier, Univ. of Colorado, Boulder, *Cytokines and memory*

Society for Leukocyte Biology (SLB) Symposium: Innate Immune Mechanisms of Phagocytic Leukocytes

Chair: **David M. Mosser**, Harvard Medical School

Douglas Golenbock, Univ. of Massachusetts Medical School, *Cross linking of TLR4 by MD-2 results in an LPS activation signal*

Michele Swanson, Univ. of Michigan, *Microbial strategies to multiply within macrophages*

David M. Mosser, Harvard Medical School, *Biasing immune responses at the level of the antigen presenting cell*

Alan Ezekowitz, Harvard Medical School, *Innate immunity from flies to man*

Society for Mucosal Immunology (SMI) Symposium: Mechanisms Governing Homing of T Cells and B Cells to Mucosal Tissues

Chair: **Dr. Ivan Fuss**, NIH

Joshua Farber, NIH, *Overview of chemokines and cell trafficking*

Nicole Lazarus, Stanford University, *TBD*

Konstantinos Papadakis, Cedars-Sinai Medical Center, *TBD*

Terrence Barrett, Northwestern University, *TBD*

Atsushi Kitani, National Institutes of Health, *TBD*

Society for Natural Immunity (SNI) Symposium

Chair: **William Seaman**, Univ. of California, San Francisco

Co-Chairs: **David Raulet**, Univ. of California, Berkeley, **Marco Colonna**, Washington Univ.

David Raulet, Univ. of California, Berkeley, *Immunity to tumor cells and pathogens: the role of NKG2D and its ligands*

Marco Colonna, Washington Univ., *TREM receptors as regulators of myeloid cell differentiation*

Roman Dziarski, Indiana Univ., *Peptidoglycan redognition proteins: a new family of innate immunity pattern recognition molecules*

Gabriel Nunez, Univ. of Michigan, *Intracellular recognition of pathogens: the role of Nods*

Rocky Mountain Welcome

(cont'd from p. 1)

here have helped us understand how T cells recognize antigen, how B cells respond, how autoimmune diseases occur and how individuals become allergic. Immunology research here has ranged from the bench to the bedside and back again. Meanwhile, there are plenty of things to do in Colorado besides science. In Denver itself the Colorado Rockies should be around, the Elitch Gardens Amusement park is downtown, together with the multi-stage Denver Center for the Performing Arts and Symphony Orchestra. The city has plenty of restaurants and if the weather is good you should be able to sit outside and look at the spectacular mountains. Away from the city the snow should be disappearing from the Rockies. Rocky Mountain National Park is to the northwest and to the south and west, the Great Sand Dunes National Monument, Mesa Verde National Park, Dinosaur National Monument and all the glories of the American West are less than a day's drive away. In fact you can see dinosaur footprints not so far from Denver in the foothills and dinosaur bones themselves are on display in the Natural History Museum.

We all enjoy living in Denver and taking advantage of all the wonderful things our state has to offer. We hope you will enjoy it too on the occasion of AAI's 90th anniversary annual meeting.

Spotlight on Immunology 2003

Abstract Topic Categories

HEMATOPOIESIS & IMMUNE SYSTEM DEVELOPMENT

- 6000 Stem Cell Biology
- 6001 Cell Cycle and Mechanisms of Proliferation
- 6002 Regulation of Cellular Development, Differentiation, Homeostasis (includes Apoptosis)
- 6003 Molecular Basis of Defects in Immune System Development
- 6004 Failed Pathways and Consequences (Immune Deficiencies)
- 6005 Mechanisms/Biology of Immunological Memory & Aging
- 6006 Other Related

IMMUNE SYSTEM REGULATION I

- 6007 Signal Pathways in Immune Cell Development, Regulation and Activation

IMMUNE SYSTEM REGULATION II

- 6008 Regulation and Interventions of Signal Pathways in Immune Cells
- 6009 Mechanisms of Costimulation and Tolerance
- 6010 Soluble Mediators of the Immune System (excluding Cytokines; including Abs, Complement, Small Peptides, and Chemoattractants)
- 6011 Cell-Cell Interactions
- 6012 Effector Cells Processes
- 6013 Other Related

GENETIC REGULATION OF THE IMMUNE SYSTEM

- 6014 MHC Polymorphism in Disease
- 6015 MHC Evolution
- 6016 Molecular Aspects of Repertoire Formation (Recombination, Isotype Switching, Somatic Mutation)
- 6017 Transcriptional Regulation of the Immune System
- 6018 Other Related

ANTIGEN PROCESSING & PRESENTATION

- 6019 MHC Structure, Function and Ligands
- 6020 MHC Assembly and Trafficking
- 6021 Peptide-MHC Interaction
- 6022 Intracellular Events in Antigen Processing
- 6023 Antigen Presenting Cells
- 6024 Other Related

CYTOKINES & CHEMOKINES

- 6025 Receptors and Signal Transduction
- 6026 Gene Regulation
- 6027 Regulators of Immune Cell Development and Function
- 6028 Receptors *In Vivo*
- 6029 Role in Health and Disease
- 6030 Other Related

CELLULAR ADHESION, MIGRATION & INFLAMMATION

- 6031 Mediators of Inflammation
- 6032 Leukocyte Migration and Tissue Localization
- 6033 Adhesion Molecules in Cellular Migration, Inflammation and Disease



- 6034 Inflammatory Responses in Health and Disease
- 6035 Therapeutic Modalities for Inflammatory Disease
- 6036 Other Related

AUTOIMMUNITY

- 6037 Immunopathogenic Mechanisms/Immunogenetics of Autoimmunity
- 6038 Animal Models of Autoimmunity
- 6039 Immunotherapy for Autoimmune Disease
- 6040 Tolerance and Autoimmunity
- 6041 Other Related

IMMEDIATE HYPERSENSITIVITY, ASTHMA & ALLERGIC RESPONSES

- 6042 Immunobiology of Immediate Hypersensitivity and Allergic Responses
- 6043 IgE Receptors and Effector Cells
- 6044 Cytokines & Adhesion Molecules in Allergic Inflammation
- 6045 Allergic Disease and Therapy
- 6046 Asthma Mechanisms of Disease and Intervention
- 6047 Other Related

MUCOSAL & REGIONAL IMMUNOLOGY

- 6048 Protective Mucosal Immune Responses
- 6049 Influences on Mucosal Immunity
- 6050 Mucosal Tolerance and Disease
- 6051 Role and Regulation of IgA
- 6052 Immunology of Pregnancy
- 6053 Immunologically Privileged Sites
- 6054 Vaccine Development and Immune-Based Therapies
- 6055 Other Related

MICROBIAL & VIRAL IMMUNOLOGY

- 6056 Cellular Responses to Pathogens
- 6057 Immunopathogenesis of Infection

continued, next page

Intro Course a Success (cont'd from p. 2)

System in Good Times and Bad – Protection from Infection, With a Price, further set the stage for Part II's more advanced presentations. Part I topics included: Introduction to the Immune Response; Innate Immunity; Adaptive Immune System; Antigen Presentation; T Cell Activation; Effector Cells in the Immune System; T and B Cell Development; and Peripheral Homeostasis.

Part II faculty included Drs. Berg; Jay Berzofsky (NCI, NIH); JoAnne Flynn (University of Pittsburgh); Robert Schleimer (Johns Hopkins Asthma & Allergy Center); David Sachs (Harvard Medical School); Yvonne Paterson (University of Pennsylvania); Jerry McGhee (University of Alabama, Birmingham); Diane Mathis (Harvard Medical School); and Stefanie Vogel (USUHS). Topics covered in the 3-day session included: HIV & Vaccine Development; Immunity to Infections; Pathogenesis of Allergic Disease; Transplantation Immunology; Tumor Immunology; Mucosal Immunity; Autoimmunity & Tolerance; and Signal Transduction in Innate Immunity.

Dr. Michele Hogan, AAI Executive Director, and Dr. Kaylene Kenyon, Scientific Review Coordinator for *The JI*, assisted in planning and carrying out the course, including site selection and related negotiations, faculty recruitment and scheduling, arranging for CME accreditation, advance and on-site logistical



Intro Course students enjoy a Tufts campus break

coordination, and monitoring of faculty, student, and vendor performance during the week.

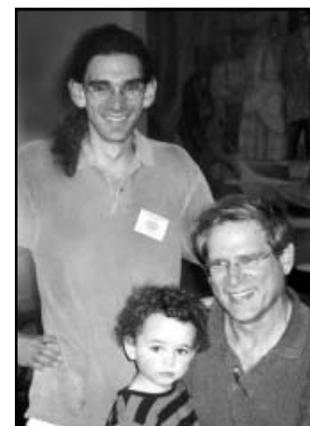
Widely positive feedback from participants reflects a successful inaugural course and robust enthusiasm for future offerings. Student feedback on the quality of instruction was very favorable, as was feedback from faculty members on their participation – all of which will help in identifying and orienting future faculty. Emphasis will remain on enlisting instructors with the peculiar skill required to convey complex concepts to relatively ground-level immunology students – from the relatively sophisticated to those only discovering the distinction between T and B cells. The breakdown of attendees for 2003: 58% from industry; 13% faculty; 13% postdocs; 13% grad students; and 2% “other”.)

Site selection for the 2003 course will be announced early in the new year.



Students touch base between Intro Course sessions

AAI Intro Course attendees James Faeder (left) and his father, Edward (right) are joined at Tufts by a third-generation Faeder, James' son Jamie, who expressed interest in a “Really Intro” Course for future immunologists



Abstract Topic Categories (cont'd from p. 8)

- 6058 Immunotherapeutic Strategies Against Pathogens
- 6059 Innate Immunity Against Pathogens
- 6060 Mechanisms of Host Invasion, Evasion and Resistance (including HIV)
- 6061 Vaccine Development and Immune-Based Therapies
- 6062 Other Related

TUMOR IMMUNOLOGY & IMMUNOTHERAPY

- 6063 Anti-tumor Effector Cells and Regulation of Tumor Immunity
- 6064 Tumor-associated Antigens
- 6065 Tumor-associated Immunosuppression
- 6066 Mechanisms of Tumor Rejection and Modulation of Anti-tumor Responses
- 6067 Immunotherapy of Cancer
- 6068 Pathobiology of Immune System Malignancies
- 6069 Vaccine Development and Immune-Based Therapies
- 6070 Other Related

TRANSPLANTATION IMMUNOLOGY

- 6071 Solid Organ Transplantation

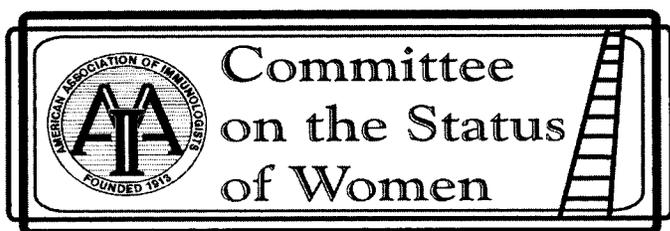
- 6072 Cellular or Bone Marrow Transplantation
- 6073 Graft vs. Host Disease (GVHD)
- 6074 Transplantation Tolerance Induction
- 6075 Mechanisms and Prevention of Graft Rejection
- 6076 Other Related

HOST DEFENSE & INNATE IMMUNITY

- 6077 Host Defense Against Parasitic & Fungal Infections
- 6078 Role of Complement in Innate Immunity
- 6079 Development of Innate Immunity
- 6080 Complement, Fc Receptors, and Acute Phase Proteins
- 6081 Other Related

STRATEGIES FOR EDUCATION & TRAINING

- 6082 John H. Wallace High School Teachers Program
- 6083 K - 12 Education Programs
- 6084 Undergraduate Education Strategies and Programs
- 6085 Graduate Education Strategies and Programs
- 6086 Other Education Training Programs



**Announcing the First AAI
Careers Lunch: Wednesday,
May 7, 2003, at
Immunology 2003, AAI's 90th
Anniversary Annual Meeting
in Denver, CO**

The AAI Committee on the Status of Women (COSW) will sponsor a Careers Lunch on Wednesday, May 7th at 12:15pm during AAI's Immunology 2003 Meeting in Denver.

The session will feature experienced scientists serving as informal discussion leaders at roundtables covering career issues (see list, below) relevant to both men and women. Senior scientists who would like to serve as discussion leaders should contact Dr. Brigitte Huber, COSW Symposium Chair, Phone: 617 636-3989; Fax: 617 636-0449; Email: brigitte.huber@tufts.edu.

The Lunch is open to graduate students, postdoctoral fellows, and junior faculty who register for the event in advance or at the door. Participation will be limited to the first 350 registrants (students, postdocs, faculty and staff). The cost is \$12.00 for graduate students and postdocs, and \$17.00 for faculty and staff. Visit www.faseb.org/meetings/aai03 for registration instructions. Registrants must select a discussion topic, which will determine their seating assignment. It is anticipated that multiple tables will be allocated to the most popular topics.

Career Options:

Academic Research
Bioinformatics
Biotech and Industry Research
CDC and FDA
Clinical and Diagnostic Immunology
NIH

Patent Law/Intellectual Property
Politics of Science
Primary/Secondary Science Education
Scientific Journalism
Teaching at Undergraduate Institutions

Career Issues:

Obtaining a Good Postdoc Position
Job Application Strategies for Research Positions
Developing Administrative Techniques/Management Skills
University/Industry Collaborations: Clinically Based Translational Research
Networking
Couples and Careers
Children and Careers/Family Leave
Preparing for Tenure at Medical School or Research University
Preparing for Tenure at Undergraduate Institution
Attracting Students and Postdocs
Changing Careers: Biotech and Academia
Sabbaticals and Time-outs: Long-term Career Strategizing
Integrity and Ethics: Dealing with Controversy in Science

Grant-Related News

January 15 is Deadline for WISC Program Grant Applications

The Women's International Science Collaboration (WISC) Program, a partnership between the American Association for the Advancement of Science (AAAS) and the National Science Foundation (NSF), seeks to increase the participation of women in international scientific research. It provides competitive awards in the form of small travel grants to U.S. scientists to plan and design new collaborations with colleagues in Central/Eastern Europe, Western Europe (newly added for 2003), the Newly Independent States of the former Soviet Union, Near East, Middle East, Africa, the Americas, Pacific, and Asia. These activities are expected to lead to full research proposals that are submitted to the NSF or other funders.

Grants, which range up to \$4,000 or \$5,000 (depending on region), provide travel and living support for a U.S. scientist to visit a partner country to design a research collaboration. An additional grant may be made to an American co-PI for the same purpose. Under certain circumstances, funds can be used for a second visit to the partner country or for a foreign partner to travel to the U.S.

Men and women scientists with a Ph.D. or equivalent research experience who are U.S. citizens or permanent residents are eligible to apply. Generally, applications from male co-PIs must be accompanied by an application from a female co-PI as part of a U.S. research team. Scientists who have received their doctoral degrees within the past six years will receive special consideration, as will scientists applying to work with colleagues in less frequently represented countries and regions. Only fields funded by NSF and interdisciplinary research cutting across those fields are eligible. Visit NSF's website (<http://www.nsf.gov>) for information on fields and interdisciplinary research.

The program is administered by AAAS. For complete program details and application requirements and forms, visit <http://www.aaas.org/international/wiscnew.shtml>. Applications must be postmarked no later than January 15, 2003. (A subsequent round of applications will be accepted after January 15, and are subject to a July 15, 2003, deadline.)

Sandler Asthma Research Program Award Applications Due Feb. 14

The Sandler Program for Asthma Research supports the development of new approaches to studying the pathogenesis of asthma. Applications from outstanding investigators outside the field of asthma are particularly sought. Innovation and risk are strongly encouraged.

Senior Investigator Awards provide \$250,000 per year for three years. Junior Investigator Awards provide \$125,000 per year for three years.

Proposals are due February 14, 2003, for funding July 1, 2003.

The application is short (7 pages), and preliminary data are not required. Investigators in the U.S. and in Canada may apply.

For further information, including funding priorities and application instructions, visit <http://www.sandlerresearch.org>, or contact Christy Artz, Program Manager, at 415/514-0730 (phone) or artzc@sandlerresearch.org (e-mail).

FOCIS Center Designation & Planning Grant Award Applications Due Feb. 1

To foster development of comprehensive centers to advance the science and medicine of clinical immunology, The Federation of Clinical Immunology Societies (FOCIS) will accept FOCIS Center Designation and Planning Grant applications through February 1, 2003.

The initiative seeks to identify and designate academic institutions with developing and/or established centers devoted to multidisciplinary clinical immunology. Among designated FOCIS Centers, the initiative will also award planning grants (up to \$25,000 per institution; up to 12 awards; free of university taxation). Applications will be judged on the quality of the plan for their Center and, in the case of planning grants, the value of the seed funds in advancing the success of the Center as well as on the potential to use the seed funds to obtain matching or challenge funds. The maturity of the Center is not a criterion; new and developing Centers are encouraged to apply and may receive preferential funding.

A FOCIS Center is identified as a multidisciplinary group based in an academic institution that encompasses three or more subspecialties/organ systems and incorporates six specific components. These include: mission statement; governance system and infrastructure; research and personnel; clinical innovation and patient registry; education; and community outreach and advocacy.

An ad hoc study section appointed by the FOCIS Steering Committee will designate Centers and award Planning Grants by the second quarter of 2003. One application per institution will be accepted by the FOCIS Secretariat, 611 East Wells Street, Milwaukee, WI 53202; Phone (414) 224-8095; Fax (414) 272-6070.

In conjunction with the FOCIS Centers, FOCIS will offer FOCIS Centers Young Investigator/Fellowship Awards. These will support fellows in clinical immunology and/or young investigators' research in the area of immune mediated inflammatory disorders. They will be open to all institutions with a clinical immunology presence, with preference given to those who are a part of the FOCIS Centers. An ad hoc study section appointed by the FOCIS Steering Committee will judge the applications. The deadline for these awards is also February 1, 2003.

Visit <http://www.focisnet.org> for application forms and further information.

AAAS/NIH Science Policy Fellowship Applications Due January 10

In cooperation with NIH, The American Association for the Advancement of Science (AAAS) will award up to six AAAS/NIH Science Policy Fellowships for 2003. The fellowships will provide one-year appointments (potentially renewable for a second year) at the National Institutes of Health (NIH), beginning in September 2003.

The fellowships are designed to provide a unique public policy learning experience, to demonstrate the value of government-university-industry interaction, and to bring technical backgrounds and external perspectives to the policy-making process at NIH. The program will provide scientists with exposure to policy and planning processes, integration of scientific and technical knowledge into government policy development, and experience in interacting with a wide range of individuals in the public and private sectors.

Fellows will be placed in NIH's Office of the Director or in one of the Institutes and Centers. They will learn about the analysis, development, and implementation of policies that affect the conduct of medical research. They also will have an opportunity to further develop an understanding of the processes and mechanisms that NIH uses to support, manage, and coordinate research, research training, and communications activities carried out by the agency. Fellows will interact with staff across NIH, other federal agencies, scientific associations, voluntary health agencies, and other public and private sector organizations. The program includes an orientation program on executive branch and congressional operations, as well as a year-long seminar program on issues relating to science and public policy.

Applications are invited from individuals in any physical, biological, or behavioral science, medicine, any field of engineering or any relevant interdisciplinary field. All applicants must have an MD, PhD or equivalent doctoral-level degree by the application deadline (January 10, 2003). Applicants must be U.S. citizens. Federal employees are not eligible. Underrepresented minorities and persons with disabilities are encouraged to apply.

Visit <http://fellowships.aaas.org/nih/> for further program details and to download 2003 application materials.

Abbott Labs Announces 2003 Abbott Scholar Awards

Abbott Laboratories has awarded the first Abbott Scholar Award in Rheumatology Research, a mentored research award to help develop future leaders in academic rheumatology, to recipients selected by an independent advisory panel. The Abbott Scholar Award provides funding and support to physicians in the early stages of their careers in rheumatology and recognizes the importance of innovative research in the academic community.

The award was established to support basic and translational research related to rheumatic diseases, including epidemiology, health services research in arthritis and related autoimmune disease, and innovative clinical research. It provides grant support

for a two-year term, with a third year of support provided upon review of projects completed in the first two years.

As part of its long-term commitment to immunological diseases research and treatment, Abbott Laboratories is seeking applicants for future grant cycles of the ABBOTT SCHOLAR AWARD. The next application submission deadline is September 15, 2003. Three award recipients will be selected each year to receive a fellowship starting at \$65,500 per year for up to three years. More information on the Abbott Scholar Award is available at www.abbotscholar.com or by calling 201/553-8820.

R. W. Johnson 2003 Clinical Scholars Program Deadline is Feb. 15

February 15, 2003, is the deadline for applications to the Robert Wood Johnson Clinical Scholars Program. The program allows young physicians committed to clinical medicine to train in the quantitative and qualitative sciences (including epidemiology, biostatistics, economics, research design, anthropology and sociology) that are important to improving health and medical care systems.

Scholars undertake two years of graduate-level study and research as part of a university-based, postresidency training program. The program is open to U.S. citizens and permanent residents who are training in any of the medical/surgical specialty fields, including psychiatry, pediatrics, obstetrics/gynecology, and family medicine.

Seven participating institutions will be recruiting scholars to begin their terms in July 2004. Completed applications must be received no later than February 15, 2003, to allow time to arrange and complete interviews by April 1, 2003. To apply, visit www.uams.edu/rwjcs or contact program director Annie Lea Shuster at (501) 660-7551 or -7554.

HHMI-NIH Research Scholars Program Deadline is January 10

The HHMI-NIH Research Scholars Program, also known as the Cloister Program, was established in 1985 to give outstanding students at U.S. medical schools the opportunity to receive research training at the National Institutes of Health in Bethesda, Maryland. The 2003 application deadline is January 10.

Students in good standing at U.S. medical and dental schools are eligible to apply to the program. Research Scholars spend nine months to a year on the NIH campus, conducting basic, translational or applied biomedical research under the direct mentorship of senior NIH research scientists.

The Howard Hughes Medical Institute provides administration and funding for the program, including the salaries and benefits for the Research Scholars. The NIH provides advisors, mentors, laboratory space, and equipment and supplies for laboratory work.

See HHMI-NIH Scholars Deadline, p. 25

Members in the News

Pamela Bjorkman Elected to American Philosophical Society Membership

Pamela J. Bjorkman, Ph.D. (AAI '95), was elected earlier this year as a member of the American Philosophical Society (APS) in 2002. A Caltech biology professor and HHMI investigator, Dr. Bjorkman is noted for her inquiry into the structure of class I MHC molecules and more recent work on the structure and function of class I MHC homologs that function inside and outside the immune system.



APS election recognizes individuals who have made extraordinary contributions in mathematical and physical sciences; biological sciences; social sciences; humanities; and the arts/learned professions/public affairs. Dr. Bjorkman's nomination reflected her accomplishments beginning in graduate school, when she played a key role in solving one of the most provocative questions in immunobiology: What is the basis, in terms of molecular structure, of antigen recognition and specific interaction among cells of the immune system? The nomination credited Dr. Bjorkman with subsequently broadening her field with studies in the nervous system, as her interests came to include all of the surface recognition molecules, analyzed by x-ray crystallographic, biochemical, and molecular biological techniques. It further cited Dr. Bjorkman's emergence as a fine teacher and mentor and international presence as a responsible and congenial leader in her field.

Dr. Bjorkman received her B.A. from the University of Oregon and her Ph.D. in biochemistry and molecular biology from Harvard University. Following a postdoctoral fellowship at Stanford University, she undertook her Caltech and HHMI affiliations in 1989. She is a past recipient of the AAI Investigator Award and is a member of the National Academy of Sciences and American Academy of Arts and Sciences.

Founded in 1743 by Benjamin Franklin, the APS is the oldest learned society in the United States and counts Audubon, Fulton, Darwin, Edison, Pasteur, and Einstein among past members. This list further includes the first woman member, Russian Princess Dashkova, president of the Imperial Academy of Sciences of St. Petersburg, who was elected in 1789. In addition to honoring scholars, the society supports grants, fellowships, lectures, publications, prizes, and exhibitions. It also maintains a research library collection internationally recognized for enduring historic value. Today the society has 854 members; more than 200 APS members have received the Nobel Prize since 1900.

Purnell Choppin Receives Honorary Johns Hopkins University Degree

AAI Emeritus Member Purnell W. Choppin, M.D. (AAI '62), President Emeritus of the Howard Hughes Medical Institute (HHMI), was awarded an honorary doctorate by The Johns Hopkins University at its 2002 commencement. The Doctor of Humane Letters degree recognized Dr. Choppin's distinguished philanthropic leadership and outstanding contributions to medical research and education.



The degree citation saluted Dr. Choppin's influential tenure as president of the Howard Hughes Medical Institute (HHMI) from 1987-1999, during which the institute sharply accelerated its support for biomedical research, new laboratories, and science education. During the same period, the roster of HHMI investigators swelled from 96 to 330 researchers at more than 70 institutions.

With an endowment of about \$11.5 billion, HHMI is one of the largest philanthropies in the world and among the nation's most influential privately-held biomedical research organizations. It employs 340 investigators at more than 70 medical schools, universities, and research institutes throughout the United States. Long one of HHMI's chief beneficiaries, The Johns Hopkins University today is represented by 14 scientists who are HHMI investigators.

Dr. Choppin currently is a principal in The Washington Advisory Group, LLC, which provides strategic counsel and management consulting to universities, governments, and not-for-profit organizations. Prior to joining HHMI in 1985 as vice president and chief scientific officer, he was a Rockefeller University professor of virology, vice president for academic programs, and dean of graduate studies. He also headed the university's laboratory of virology, which concentrated on viral structure, replication, interaction with cell membranes, and mechanisms by which influenza, parainfluenza, and measles viruses produce cell injury and disease.

Dr. Choppin earned his M.D. from Louisiana State University School of Medicine 1953, and was awarded for the highest academic standing in the graduating class. He is a past associate editor for *The Journal of Immunology* and a member of the National Academy of Sciences. His Johns Hopkins honorary doctorate represents the 13th such degree he has received from universities around the country and abroad since 1988.

AAI's Advanced Course in Immunology:

Q&A with Linda Nelson, Administrator

Q: How long have you been involved with the Advanced Course and how did your role come about?

A: I've been involved since 1995, when I was working at UCSD for Stephen Hedrick, who was the Chair of the AAI's Education Committee. He returned from the 1994 course and announced that we were taking it over from Carl Pierce, who had organized it for many years. We organized the course together for two years. Abul Abbas, who was at Harvard at the time, then took over as Faculty Coordinator in 1997 and we worked together for about 3 years, after which I continued in the same role for faculty coordinators Leslie Berg and Betsy Mellins.



Q: How long has AAI been offering the Advanced Course?

A: It originated as the Immunology Summer Education Course first held in 1966 at Lake Forest College (Lake Forest, IL). Initially proposed and directed by then AAI Secretary-Treasurer Sheldon Dray, the course moved to various sites in later years, including Lindenwood College (St. Charles, MO) in the mid-80s and Colorado College (Colorado Springs, CO) in the early 90s. Directed during this period by Drs. Pierce and Judith Kapp, the course moved to Montana State University (Bozeman, MT) in 1994 before becoming a perennial west-coast course in 1995 under Dr. Hedrick and subsequent faculty coordinators.

Q: What exactly is your role with the course — i.e., what are the aspects of the course that you carry out?

A: The faculty coordinator, currently Dr. Elizabeth Mellins from Stanford University, invites the faculty and puts together the course schedule, format, and content. I take care of everything else. This includes preparing materials for advertising (both on the AAI website and in *The JI*), making arrangements with the venue where the course will be held (i.e., for meeting space, meals and lodging for our students, meals for our faculty, catering for a reception and for coffee breaks during the course, parking for students and faculty, A-V needs, computing, payment of invoices after the course is complete, etc.), coordinating the speakers' travel and hotel arrangements, receiving and processing all of the registration and other fees received by the students, preparing and coordinating the CME accreditation application for the course, preparing the faculty handouts for duplication, binding and mailing to the students in advance of the course, and for reimbursement of travel expenses for our speakers after the course is over. For the actual course I typically go up a few days early to prepare and meet with the various departments to make sure everything is in order, collate course materials (notepad, pen, program), and set up registration areas in the dorm and auditorium lobby. I hold a course registration on the day that the students arrive, and again the morning that the course begins. I am on staff for the duration of the course, being the contact for the students, faculty, and for all Stanford departments that we utilize.

Q: What goes into selecting the site for the Advanced Course and why was it recently changed?

A: In 1995, we chose to go with UC Berkeley to dovetail with the international immunology conference that year in San Francisco, which made it convenient for many people to attend both. We stayed with UC Berkeley for a number of years because of good facilities, good accessibility to air transportation and mass transit into the area, and a good number of top immunologists local to the area that were course faculty. We moved to Stanford in 2000, only because UC Berkeley was remodeling their facilities and we were forced to find a new venue. We've been at Stanford ever since. In 2000, Leslie Berg took over as Faculty Coordinator, and in 2002, Dr. Mellins assumed the role. Whether and when the venue might change again will depend on how well Stanford accommodates us, who the next faculty coordinator will be, etc. Staying with a good venue for multiple years makes sense, as many of a site's logistical issues tend to be mastered after the first year.

Q: How many students attended the 2002 Course and what kind of feedback have they, and faculty, given on how it went?

A: Approximately 220 students attended the 2002 course. You have people ranging from second- or third-year graduate students, to postdoctoral fellows, to physicians and faculty members, all with varying levels of immunology education and experience. Feedback has been very positive, as in the past. A large number of faculty clearly enjoy their role, as they have taught at the course for multiple years.

Note: Preliminary details regarding AAI's 2003 Advanced Course at Stanford University appear on the next page.

MEETING ANNOUNCEMENTS

Jan. 7-12 *Keystone Symposia: Chemokines and Chemokine Receptors* Beaver Run Resort, Breckenridge, Colorado
Tel: 800-253-0685 or 970-262-1230
info@keystonesymposia.org * www.keystonesymposia.org

Jan. 7-13 *Keystone Symposia: Mechanisms of Immunologic Tolerance And Its Breakdown*, Snowbird Resort, Snowbird, Utah
Tel: 800-253-0685 or 970-262-1230
info@keystonesymposia.org * www.keystonesymposia.org

Jan. 14-19 *Keystone Symposia: B Cells and Antibodies: Laboratory to Clinic*, Keystone Resort, Keystone, Colorado
Tel: 800-253-0685 or 970-262-1230
info@keystonesymposia.org * www.keystonesymposia.org

Jan. 25-28 *42nd Midwinter Conference of Immunologists: Immune System Development and Function*, Asilomar Conference Center, Pacific Grove, CA
Contact: Ms. Kim Gurney, Registrar * Tel: (310) 390-4556
Email: kgurney5@aol.com * Web: www.midwconfimmunol.org

Jan. 28 *Methods in Cytokine Biology IV*, National Institutes of Health, Natcher Conference Center, Bethesda, MD
Sponsored by the NIH Cytokine Interest Group. Free registration, open to all investigators. Contact Calman Prussin: (301) 496-1306
Email: calman@nih.gov * Website: http://www.nih.gov/sigs/

Jan. 30-Feb 4 *Keystone Symposia: Regulatory & Effector Functions of Macrophages*, Taos Convention Ctr., Taos, New Mexico
Tel: 800-253-0685 or 970-262-1230
info@keystonesymposia.org * www.keystonesymposia.org

Jan. 30-Feb 4 *Keystone Symposia: Linking Innate with Adaptive Immune Responses*, Taos Convention Ctr., Taos, New Mexico
Sponsored by DNAX Research, Inc. & The Director's Sponsor Fund
Tel: 800-253-0685 or 970-262-1230
info@keystonesymposia.org * www.keystonesymposia.org

Feb. 1-5 *Miami Nature Biotechnology Winter Symposium -- 50 Years On: From the Double Helix to Molecular Medicine*, Miami Beach, FL (Sponsors: Univ. of Miami, Nature Publ'g Group)
Information: http://www.med.miami.edu/mnbws

Feb. 4-9 *Keystone Symposia: Antibody-Based Therapeutics for Cancer*, Banff Centre, Banff, Alberta, Canada
Sponsored by Amgen Inc.
Tel: 800-253-0685 or 970-262-1230
info@keystonesymposia.org * www.keystonesymposia.org

Feb. 13-14 *Inserm (National Institute of Health and Medical Research, France) Workshop: Transcutaneous Immunization: The Challenge of Vaccine Delivery*, Montpelier, France
Email: ateliers@tolbaic.inserm.fr

Feb. 17-23 *Keystone Symposia: Basic Aspects of Tumor Immunology*, Keystone Resort, Keystone, Colorado
Tel: 800-253-0685 or 970-262-1230
info@keystonesymposia.org * www.keystonesymposia.org

Mar. 1-5 *Biophysical Society 47th Annual Meeting*, Henry B. Gonzales Convention Center, San Antonio, TX
Contact: Biophysical Society * 9650 Rockville Pike * Bethesda,

continued, next page

2003 AAI Advanced Course Set for Next July at Stanford

AAI's 2003 Advanced Course in Immunology will be held July 19-25, 2003, at Stanford University in Palo Alto, CA. A course announcement with complete details (lodging and meal rates, registration, etc.) will be published in early 2003 and posted on the AAI website.

Course faculty confirmed for 2003 include:

Abul Abbas, Univ. of California, San Francisco: *Autoimmunity and tolerance*

Rafi Ahmed, Emory Univ. School of Medicine: *Viral immunity*

Andrew Chan, Genentech, Inc.: *Signal transduction*

Jason Cyster, Univ. of California, San Francisco: *B cell activation and tolerance*

Randy Hardy, Fox Chase Cancer Ctr.: *B cell development*

Kristin Hogquist, Univ. of Minnesota: *T cell development*

Marc Jenkins, Univ. of Minnesota: *Anatomy of the immune response*

Hiroshi Kiyono, Univ. of Alabama at Birmingham/The Univ. of Tokyo/Osaka Univ.: *Mucosal immunity and vaccines*

Lewis Lanier, Univ. of California, San Francisco: *NK cells*

Hyam Levitsky, Johns Hopkins Univ.: *Tumor immunology*

Olivia M. Martinez, Stanford Univ.: *Transplantation immunology*

Julie McElrath, Fred Hutchinson Cancer Ctr.: *HIV*

Ruslan Medzhitov, Yale Univ.: *Innate Immunity*

Eric Pamer, Sloan-Kettering Cancer Ctr.: *Infectious disease*

Nilabh Shastri, Univ. of California, Berkeley: *Antigen presentation and dendritic cell function*

Judith Shizuru, Stanford Univ.: *Hematopoiesis, stem cells, bone marrow transplantation*

Dale Umetsu, Stanford Univ.: *Th1/Th2 regulation*

Luk van Parijs, Massachusetts Inst. of Technology: *T cells activation and self-tolerance*

Ian Wilson, Scripps Research Inst.: *Structural basis of immune function*

MEETING ANNOUNCEMENTS

(cont'd from p. 15)

MD 20814 * Tel: (301) 530-7114 * Fax: (301) 530-7133
Email: society@biophysics.org * Web: www.biophysics.org

Mar. 2-5 *Cell Transplant Society - 6th International Meeting*, Atlanta, GA. Contact: Collin J. Weber, MD, DMSci, President, Cell Transplant Society * Website: <http://www.celltx.org/>

Mar. 3-8 *Keystone Symposia: Dendritic Cells: Interfaces with Immunobiology and Medicine*, Keystone Resort, Keystone, CO
Early Registration: Jan. 6, 2003
Tel: 800-253-0685 or 970 262-1230
info@keystonesymposia.org * www.keystonesymposia.org

Mar. 5-10 *Keystone Symposia: Cell Biology of the Immune Response*, Keystone Resort, Keystone, Colorado
Early Registration: Jan. 6, 2003
Tel: 800-253-0685 or 970-262-1230
info@keystonesymposia.org * www.keystonesymposia.org

Mar. 7-11 *Keystone Symposia: Molecular and Cellular Basis of Septic Shock*, Granlibakken Resort, Tahoe City, California
Early Registration: Jan. 7, 2003
Tel: 800-253-0685 or 970-262-1230
info@keystonesymposia.org * www.keystonesymposia.org

Mar. 8-12 *Autoimmunity and Tolerance in Organ Injury*, presented by The American Society of Nephrology (ASN), Beaver Run Resort, Breckenridge, CO. Contact: ASN, 1725 I Street, Suite 510, Washington, DC 20006 * Tel: (202) 659-0599
Fax: (202) 659-0709 * Web: www.asn-online.org

Mar. 9-12 *The American Society for Microbiology (ASM) Meeting: Future Directions for Biodefense Research: Development of Countermeasures*, Baltimore Marriott Waterfront, Baltimore, Maryland
Abstract Deadline: January 30, 2003
Tel: (202) 942-9248 * Fax: (202) 942-9340
Email: meetingsinfo@asmusa.org * Web: www.asmbiodefense.org

Apr. 1-6 *Keystone Symposia: The Regulation of Mucosal Inflammation*, Keystone Resort, Keystone, Colorado
Early Registration: Feb. 3, 2003
Tel: 800-253-0685 or 970-262-1230
info@keystonesymposia.org * www.keystonesymposia.org

Apr. 1-6 *Keystone Symposia: Hygiene, Allergy and Asthma*, Keystone Resort, Keystone, Colorado
Early Registration: Feb. 3, 2003
Tel: 800-253-0685 or 970-262-1230
info@keystonesymposia.org * www.keystonesymposia.org

Apr. 11-15 *Experimental Biology 2003 Annual Meeting*, San Diego, CA (Exhibit Show Dates: April 12-14)
Sponsoring Societies: American Association of Anatomists; The American Physiological Society; American Society for Biochemistry and Molecular Biology; American Society for Investigative

Pathology; American Society for Nutritional Sciences; & American Society for Pharmacology and Experimental Therapeutics
Email: eb@faseb.org * Web: www.faseb.org/meetings/eb2003/

May 5-7 *The Sixth Annual Conference on Vaccine Research, Sponsored by National Foundation for Infectious Diseases (NFID)*, Crystal Gateway Marriott, Arlington, VA
Contact: Sharon Cooper-Kerr or Sheena Majette
NFID * 4733 Bethesda Avenue, Suite 750 * Bethesda, MD 20814-5278 * Tel: (301) 656-0003 x19 * Fax: (301) 907-0878
Email: vaccine@nfid.org

May 6-10 *Immunology 2003: AAI's 90th Anniversary Annual Meeting, Denver, Colorado*
Contact: AAI, 9650 Rockville Pike, Bethesda, MD 20814 * Phone: (301) 530-7178 * Fax: (301) 571-1816
Email: cjordan@aai.faseb.org
Web: www.faseb.org/meetings/aaio3

May 15-19 *FOCIS 2003: Third Annual Meeting of the Federation of Clinical Immunology Societies (FOCIS)*, La Maison de la Chimie, Paris, France
Contact: FOCIS * 611 East Wells Street * Milwaukee, WI 53202
Tel: (414) 224-8095 * Fax: (414) 272-6070
Email: focis@execinc.com * Web: www.focisnet.org

Jun. 1-6 *2nd Workshop on Complement Associated Diseases, Animal Models, and Therapeutics*, Royal Mykonian Conference Center, Mykonos, Greece
Abstract, Early Registration Deadline: March 15, 2003
Web: www.aegeanconferences.org

Jun. 4-8 *The 4th IL-10 Workshop*, Steven's Institute of Technology, Hoboken, NJ
Abstract deadlines, registration, to be available soon on the Web: <http://www.laboratory.gg/IL10-Workshop/USA'03>
Suggested session titles, meeting themes, sponsorship offers welcome by email: il10@mac.com

Jun. 29 - Jul. 3 1st FEMS (Federation of European Microbiological Societies) Congress of European Microbiologists, Cankarjev Dom Congress Centre, Ljubljana, Slovenia
Web: www.cd-cc.si/fems03/index.php

Sep. 7-12 World Allergy Organization (WAO) Congress -- XVIII ICACI, Vancouver, Canada
Paper/disk abstract deadline: February 28, 2003
On-line abstract deadline: March 31, 2003
Early registration deadline: April 1, 2003
Contact: WAO Secretariat * 611 East Wells Street Milwaukee, WI 53202
Tel: (414) 276-1791 * Fax (414) 276-3349
Email: congress@worldallergy.org
Web: www.worldallergy.org

Oct. 8-13 *Autoimmunity: Mechanisms and Novel Treatments*, Endorsed by CIS/FOCIS, Royal Mykonian Conference Center, Mykonos, Greece
Abstract, Early Registration Deadline: June 15, 2003

The 42nd Midwinter Conference of Immunologists



*Immune System
Development
and
Function*

January 25-28, 2003

Asilomar Conference Center • Pacific Grove, CA

**The Forty-Second Midwinter Conference of Immunologists
January 25 - 28, 2003
Asilomar Conference Center
Pacific Grove, CA**

Chairpersons: Dr. Christopher B. Wilson, Dr. Diane J. Mathis

The Dan H. Campbell Memorial Lecture

Saturday, January 25, 2003, 8:00 P.M.

Max D. Cooper, M.D.

University of Alabama at Birmingham-HHMI

The genesis of B cells

- | | |
|--------------|--|
| Session I: | EPIGENETIC REGULATION OF THE IMMUNE RESPONSE |
| Session II: | IMAGING – FROM MOLECULE TO MOUSE |
| Session III: | LYMPHOCYTE DYNAMICS |
| Session IV: | LEUKOCYTE REGULATORY RECEPTORS |
| Session V: | TH2 T CELLS AND THE ALLERGIC RESPONSE |

The conference is limited to 650 attendees. Registrations received after **Friday, November 15, 2002**, will be subject to a late fee. Visit <http://www.midwconfimmunol.org/> for complete information, or contact the Registrar by e-mail (preferred) or phone:

Ms. Kim Gurney

Email: kgurney5@aol.com

Phone: (310) 390-4556

www.midwconfimmunol.org

THE AMERICAN ASSOCIATION OF IMMUNOLOGISTS

9650 ROCKVILLE PIKE • BETHESDA, MD 20814-3994

TEL (301) 530-7195 • FAX: (301) 214-8833

FEDERAL TAX ID NO: 52-2317193

E-mail Address: members@aai.faseb.org • Website Address: http://www.aai.org



QUALIFICATIONS AND APPLICATION FOR REGULAR MEMBERSHIP 2003 MEMBERSHIP YEAR

The American Association of Immunologists (AAI) is a professional organization whose members have a strong interest in, and have made substantial contributions to, the science of immunology. AAI is a member of the Federation of American Societies for Experimental Biology (FASEB) and is responsible for the publication of *The Journal of Immunology*. To be eligible for election to membership in the AAI, a candidate must meet **one** of the following criteria:

1. Possess a Ph.D., (or equivalent graduate degree, *e.g.*, D.Sc.) in immunology or related disciplines, or an M.D. (or equivalent medical degree, *e.g.*, D.D.S.) and be the **first** author of **one** significant original publication on an immunological topic in a reputable, English language refereed journal. Manuscripts "in press" are acceptable when accompanied by a letter from the publisher or Editor-In-Chief of the journal affirming its acceptance and imminent publication. Abstracts and unpublished papers **will not** be considered in evaluating whether a candidate meets the publications requirement for membership. *
2. Be an established scientist with substantial achievement in a related discipline and have at least one collaborative paper on an immunological topic in a reputable, English language refereed journal.

* *These requirements may be waived under exceptional circumstances if a candidate shows evidence of other appropriate training and/or substantial research accomplishment.*

THIS APPLICATION PACKAGE MUST INCLUDE:

1. Three copies of your bibliography and curriculum vitae.
2. Three copies of a first author publication that meets the described criteria.
3. The name and signature of an active AAI member as your reference.

NAME: _____
DEGREE (YEAR) & INSTITUTION: _____
PUBLICATION: _____
CURRENT TITLE/ POSITION: _____
ADDRESS: _____
STREET: _____
CITY: _____ STATE: _____ ZIP CODE: _____ COUNTRY: _____
E-MAIL ADDRESS: _____
PHONE NO: (_____) _____ FAX NO: (_____) _____
RESEARCH SPECIALTY: _____

REFERENCE:

NAME OF AAI MEMBER (*please print clearly*): _____
SIGNATURE OF AAI MEMBER: _____

Applications should be mailed to the AAI office and marked to the attention of the AAI Membership Department. Please **DO NOT** send payment with your application. You will be invoiced upon approval.

Application Review Deadlines:

Applications are to be received in the AAI office by:

March 31	June 30
September 30	December 31

2003 Dues Rates: January 1 - December 31: U.S. - \$240.00 Canadian - \$338.00 International - \$330.00

**CALL FOR NOMINATIONS
FASEB EXCELLENCE IN SCIENCE LECTURE AND AWARD 2004**

The Federation of American Societies for Experimental Biology invites nominations
for the EXCELLENCE IN SCIENCE AWARD

All women who are members of one or more of the FASEB Member Societies
will be eligible for nomination

SPONSORED BY ELI LILLY AND COMPANY

For Call for Nomination and information contact:

Ms. Tia B. Poole

FASEB Executive Office

9650 Rockville Pike, Bethesda, MD 20814-3998

Phone: (301) 634-7090 Fax: (301) 530-7049

E-mail: tpoole@execofc.faseb.org

or visit the FASEB web site: <http://www.faseb.org>

DEADLINE FOR NOMINATIONS IS MARCH 1, 2003

GRIP
Grant Review for Immunologists Program

**Get a GRIP: A new AAI program designed to help New
Investigators prepare their NIH grant proposals**

AAI is pleased to announce a new program to match new PI's with established PI's who have significant, successful grant writing careers. The Grant Review for Immunologists Program ("GRIP") invites new PI's to submit an outline or NIH-style abstract to the GRIP coordinator who, with the assistance of a small volunteer subcommittee, will attempt to match the topic of the proposal with the research experience of an established PI. Matches will be made as quickly as possible to allow new PI's to meet upcoming NIH grant deadlines. Participation is strictly voluntary and is not intended to preclude internal mentoring programs.

GRIP is now soliciting both new PI and established PI participants. Please send your CV and a brief description of either your potential research project (new PI's) or grant reviewing experience (established PI's) to infoaai@aai.faseb.org (please write "GRIP" in the subject line). Program details appear on our website at www.aai.org.

THE AMERICAN ASSOCIATION OF IMMUNOLOGISTS

9650 ROCKVILLE PIKE ● BETHESDA, MD 20814-3994
TEL: (301) 530-7195 ● FAX: (301) 214-8833
FEDERAL TAX ID NO: 52-2317193
E-mail Address: members@aai.faseb.org ● Website Address: http://www.aai.org

2003 TRAINEE MEMBERSHIP APPLICATION FORM

Name: _____ E-mail Address: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Phone Number: _____ Fax Number: _____

Students and Post-Doctoral Trainees may become Trainee members of the AAI. Trainee members will receive a subscription to *The Journal of Immunology* and the *AAI Newsletter*. **Your subscriptions will start upon receipt of your application and end on December 31, 2003.** Trainee members will also have the privilege of attending and participating (without vote) in the AAI Annual Business Meeting. In addition, they will receive all AAI announcements and correspondence.

Qualified applicants must complete the information below and return this form with the required payment. Checks are to be made payable to **The American Association of Immunologists**. All checks must be drawn on a U.S. bank and International money orders are accepted.

Individuals may remain Trainee members for a maximum of eight (8) years. Certification **must** be renewed annually.

PRE-DOCTORAL TRAINEE

I hereby certify that _____

(Please print clearly)

is a regularly matriculated student in the Department of _____

at _____

(University or Institution)

and as such is eligible to become a Pre-Doctoral Trainee member of the AAI.

(Signature- must be an AAI member)

Name _____

(Please print clearly)

Title _____

(Dean, Department Chair or Professor in Charge)

Date _____

POST-DOCTORAL TRAINEE

I hereby certify that _____

(Please print clearly)

is a Post-Doctoral Trainee in the Department of _____

at _____

(University or Institution)

and as such is eligible to become a Post-Doctoral Trainee member of the AAI.

(Signature - must be an AAI member)

Name _____

(Please print clearly)

Title _____

(Dean, Department Chair or Professor in Charge)

Date _____

P L E D G E

I _____, pledge that the copies of *The Journal of Immunology* received by me as an AAI Trainee member are for my personal use. They will not be placed in a library for general use, sold, or replace a subscription currently purchased by an institution.

JANUARY 1 - DECEMBER 31, 2003

U.S. Member
 \$64.00

Canadian Member
 \$158.00 (7% GST Incl.)

International Member
 \$154.00

CHECK ENCLOSED

VISA

MASTERCARD

CARD NUMBER: _____ EXPIRATION DATE: _____

SIGNATURE: _____

2003 PFIZER - SHOWELL TRAVEL AWARDS



DESCRIPTION

This award is intended to recognize the professional promise of early career investigators (assistant professor or equivalent) and assist them with travel to the AAI annual meeting for the purpose of presenting immunology research. This award was established in 1999 through an endowment from Henry J. Showell and Pfizer, Inc.

Award decisions will be based on career progress and the submission of an outstanding abstract selected for presentation in a block symposium (oral presentation) at Immunology 2003, AAI's 90th Anniversary Annual Meeting (May 6-10, 2003, in Denver, CO).

Awardees will be recognized and presented with a certificate during an awards ceremony at Immunology 2003. Support of up to \$1500 will be provided for travel expenses. Notifications of award will be sent prior to Immunology 2003.

ELIGIBILITY

Regular members in good standing with the AAI who have received their advanced degree within the past 10 years and hold a position of assistant professor or equivalent are eligible to apply for this award. Post-doctoral fellows, other trainees, and senior faculty are not eligible.

APPLICATION PACKAGES

A complete application package must be received by **February 28, 2003**. Please address all packages to:

M. Michele Hogan, Ph.D.
Executive Director
The American Association of Immunologists
9650 Rockville Pike
Bethesda, Maryland 20814

To view a list of past recipients of AAI awards, visit: www.aai.org/awards

PFIZER - SHOWELL TRAVEL AWARDS APPLICATION INSTRUCTIONS

Please include the following in the application package:

1. A letter that includes the following information:
 - Name
 - Title and affiliation
 - Current mailing address (including email address)
2. Applicant's CV; please list current funding
3. A copy of the abstract submitted to Immunology 2003

2003 AAI JUNIOR FACULTY TRAVEL AWARDS



DESCRIPTION

This award is intended to assist young investigators with travel to Immunology 2003, AAI's 90th Anniversary Annual Meeting (May 6-10, 2003, in Denver, CO). Awardees will be selected on the basis of career progress and the submission of a first-author abstract to Immunology 2003. Award recipients will be presented with a \$500 cash award and a certificate during an awards ceremony at Immunology 2003. Notifications of award will be sent prior to Immunology 2003.

ELIGIBILITY

Junior faculty, *i.e.*, assistant professor or equivalent, who are regular AAI members in good standing and have submitted a first author abstract to Immunology 2003 are eligible to apply for this award. Post-doctoral fellows or senior faculty (associate professor and above) **are not** eligible.

APPLICATION PACKAGE

A complete application package must be received by **February 28, 2003**. Please address all packages to:

M. Michele Hogan, Ph.D.
Executive Director
The American Association of Immunologists
9650 Rockville Pike
Bethesda, Maryland 20814

To view a list of past recipients of AAI awards, visit: www.aai.org/awards

AAI JUNIOR FACULTY TRAVEL AWARDS APPLICATION INSTRUCTIONS

Please include the following in the application package:

1. A letter that includes the following information: (*Please clearly designate "AAI Junior Faculty Award" in the cover letter.*)
 - Name
 - Title and affiliation
 - Current mailing address (including email address)
2. CV including education, fellowships, employment history, and current funding
3. A copy of the abstract submitted to Immunology 2003

2003 AAI - HUANG FOUNDATION TRAINEE ACHIEVEMENT AWARDS



DESCRIPTION

This award is intended to recognize promising trainees in the field of immunology. Awardees will receive a \$1000 cash award and travel support (up to \$1500) to attend Immunology 2003, AAI's 90th Anniversary Annual Meeting (May 6-10, 2003, in Denver, CO). Trainee applicants will be selected on the basis of career promise and presentation of an outstanding first-author abstract at Immunology 2003.

Established in 1997, this award is funded through an endowment from The Huang Foundation.

ELIGIBILITY

Students and post-doctoral fellows presenting a first-author abstract at the annual meeting are eligible to apply. Awardees will be notified of selection prior to Immunology 2003. Recipients will be recognized and presented their awards at an awards ceremony during Immunology 2003. Applicants must be trainee members of AAI as of December 1, 2002.

APPLICATION PACKAGE

The complete application package must be received by **February 28, 2003**. Please address all packages to:

M. Michele Hogan, Ph.D.
Executive Director
The American Association of Immunologists
9650 Rockville Pike
Bethesda, Maryland 20814

To view a list of past recipients of AAI awards, visit: www.aai.org/awards

AAI - HUANG FOUNDATION TRAINEE ACHIEVEMENT AWARDS APPLICATION INSTRUCTIONS

Please include the following in the application package:

1. A letter that includes the following information:
 - Name
 - Title and affiliation
 - Current mailing address (including email address)
2. Applicant's CV
3. A copy of the abstract submitted to Immunology 2003
4. A brief statement of applicant's research goals (not to exceed 1 page)
5. A letter of recommendation from advisor/mentor
6. A completed AAI Trainee Award Certification Form

2003 AAI MINORITY SCIENTIST TRAVEL AWARDS



DESCRIPTION

AAI presented its inaugural Minority Scientist Travel Awards in 2002. The 2003 awards will be supported in part by a grant from the Minority Access to Research Centers (MARC) program, administered by the National Institute of General Medical Sciences (NIGMS), NIH. These awards will provide travel support to attend Immunology 2003, AAI's 90th Anniversary Annual Meeting, May 6-10, 2003, in Denver, CO.

Two types of awards -- **Faculty Mentor/Minority Trainee Travel Award** and **Minority Trainee-to-Junior-Faculty Travel Award** -- are available, with separate eligibility requirements as set forth below. During a ceremony at Immunology 2003, each awardee will receive a certificate and support of up to \$1250 in meeting-related travel expenses, plus the advance registration fee. Notifications of award will be issued prior to Immunology 2003; awardees must attend the meeting.

ELIGIBILITY

Category I -- Faculty Mentor/Minority Trainee Travel Award: Provides funding for a faculty member/mentor and up to two minority trainees (undergraduate, graduate, post-graduate) to attend the annual meeting. Applicants -- mentors and trainees -- must be AAI regular or trainee members in good standing and citizens or permanent residents of the United States or its territories. Each mentor may nominate up to two minority trainees who are pursuing research careers in a life sciences discipline; the mentor must include a signed Faculty Mentor/Minority Trainee Application form (see p. 26) with the application package.

Category II -- Minority Trainee-to-Junior-Faculty Travel Award: Provides funding for underrepresented minority trainees or junior faculty members to attend the annual meeting. Each applicant must be: (1) an AAI regular or trainee member in good standing; (2) a citizen or permanent resident of the United States or its territories; (3) a member of an under-represented ethnic minority group (see listing below, in instructions section); and (4) either a trainee or junior faculty member. Senior faculty (i.e., associate professor and above) are **not** eligible. Trainee-member applicants must include a signed AAI Trainee Award Certification Form (see p. 25).

Note: While submission of an abstract is not a condition of eligibility for this award, applicants who are submitting an abstract to the meeting are asked to include a copy of the abstract with their application. Applications accompanied by abstracts will be given priority in the event the number of qualified applicants exceeds the amount of available funding.

APPLICATION PACKAGES

A complete application package must be received by **February 28, 2003**. Send to: M. Michele Hogan, Ph.D. * Executive Director * The American Association of Immunologists * 9650 Rockville Pike * Bethesda, Maryland 20814

APPLICATION INSTRUCTIONS

Category I -- Faculty Mentor/Minority Trainee Award

Faculty mentor should submit the following in one package:

1. A letter indicating mentor's name, title, affiliation, current mailing address, phone number, fax number, and email address
2. Mentor's CV, including education and fellowships (institution, dates, degrees) and employment history
3. If applicant (mentor) or trainee(s) are submitting abstracts to Immunology 2003, a copy of the abstract(s) should be included with the application. (*Note: submission of an abstract to the annual meeting is not a condition of eligibility for this award.*)
4. A **Faculty Mentor/Minority Trainee Application Form** (see page 26), completed and signed by the mentor applicant, certifying up to two eligible minority trainees as co-applicants for the award

Category II -- Trainee-Junior Faculty Award

Applicant should submit the following in one package:

1. A letter indicating applicants's name, title, affiliation, current mailing address, phone number, fax number, email address, and ethnic group: African American; Hispanic; Native American (specify tribal affiliation); Alaskan Native; or Pacific Islander (Polynesia/Micronesia)
2. CV including education and fellowships (institution, dates, degrees) and employment history
3. If submitting an abstract to Immunology 2003, a copy of the abstract. (*Note: submission of an abstract to the annual meeting is not a condition of eligibility for this award.*)
4. Trainees must include a signed **AAI Trainee Award Certification Form** (see p. 25)

AAI Trainee Certification Form

This form must accompany award applications from trainees.

Applicant's Name: _____
Please Print Legibly or Type

Mailing Address: _____

Trainee Status (check one): ____ Predoctoral ____ Postdoctoral Year Degree Expected: _____

I hereby certify that _____
Name of Trainee

is a registered student/postdoctoral and is engaged in an immunology research program.

Signature of Advisor/Department Chair _____ Date _____

Do You Need Copyright Permission?

Submit your request in writing to:

Adrienne Weber
 Operations Manager
The Journal of Immunology
 9650 Rockville Pike
 Bethesda, MD 20814-3998
 Fax: (301) 571-1813

Just provide the following information:

- 1) The citation of the original material, including Title, Volume Number, Page Number(s), Year of Publication
- 2) The name of the publication in which the article will be reproduced
- 3) The anticipated date of publication
- 4) If requesting reproduction or modification of a figure or table, include the word "reproduction" or "modification", along with a copy of the figure or table, with your request.

HHMI-NIH Scholars Deadline (cont'd from p. 12)

Application forms are only available online and are to be filled out on-screen, printed, and mailed in. Detailed program brochures may be requested by mail:

HHMI-NIH Research Scholars Program, 1 Cloister Court,
 Bethesda, MD 20814-1460 * Phone: 1-800-424-9924
 E-mail: hweb@hhmi.org.

The applicant is responsible for obtaining and submitting all required documents in one package. All application components must be submitted on the forms provided. Incomplete application packages or those received after the deadline will not be reviewed. Applicants should contact the Research Scholars Program office to verify receipt of their application.

AAI Faculty Mentor/Minority Trainee Application Form

This form must accompany the application package submitted by the mentor in connection with the **AAI Minority Scientist Award -- Category I: Faculty Mentor/Minority Trainee Award** (see application instructions, p. 24).

This Faculty Mentor/Minority Trainee Application allows a faculty member to nominate up to two trainees that the faculty member has been mentoring. If selected, applicants -- mentor and trainee(s) -- will win travel awards to attend Immunology 2003 as Minority Scientist Awardees.

Please print legibly or type

Faculty Mentor -- Name and Title: _____

Faculty Mentor -- Institution: _____

Faculty Mentor -- Mailing Address: _____

Faculty Mentor -- Phone and E-mail Address: (_____) / _____

Please identify the minority trainee(s) you are nominating as co-applicant(s) for this award, indicating the relevant ethnic minority group [African American, Hispanic American, Native American (specify tribal affiliation), Alaskan Native, or Pacific Islander (Polynesia/Micronesia)] as to each. Sign and date this form and include it with your application package.

(1) Nominated Trainee #1 --

Name: _____

Department: _____

Trainee's Ethnic Minority Group: _____

This trainee is a(n): Undergraduate student Graduate student Postdoctoral Fellow

(2) Nominated Trainee #2 --

Name: _____

Department: _____

Trainee's Ethnic Minority Group: _____

This trainee is a(n): Undergraduate student Graduate student Postdoctoral Fellow

Faculty Mentor Signature _____ Date _____

Note: While submission of an abstract is not a condition of eligibility for this award, applicants who are submitting an abstract to the meeting are asked to include a copy of the abstract with their application. Applications accompanied by abstracts will be given priority in the event the number of qualified applicants exceeds the amount of available funding.

2003 FASEB SUMMER RESEARCH CONFERENCES

Saxtons River, Vermont

- Nuclear Structure and Cancer
- Autoimmunity
- Mechanism and Regulation of Prokaryotic Transcription
- Helicases: Structure, Function and Roles in Human Disease
- The Impact of Nutritional Status on Immune Function and Health
- Transport ATPases: Genomics to Mechanisms and Relevance to Diseases
- Ciliate Molecular Biology
- Hematological Malignancies
- Proteases and Vascular Biology

TUCSON, ARIZONA

- Ion Channel Regulation
- The Biology and Chemistry of Vision
- Lymphocytes and the Immune System: Molecular, Cellular and Integrative Mechanisms
- Perspectives in Transport Biology
- The TGF-B Superfamily: Signaling and Development
- Gastrointestinal Tract X: Physiology and Pathophysiology of GI Epithelia
- Skeletal Muscle Satellite Cells
- Growth Factor Receptor Tyrosine Kinases in Mitogenesis, Morphogenesis, and Tumorigenesis

SNOWMASS VILLAGE, COLORADO

- Signal Transduction in the Immune System
- Intracellular RNA Sorting, Transport and Localization
- Lysophospholipids and Related Lipids in Biology and Diseases
- Smooth Muscle
- Chromatin and Transcription
- Protein Kinases and Protein Phosphorylation
- Genetic Recombination and Chromosome Rearrangements
- Molecular Biology of Intestinal Lipid Transport and Metabolism
- Glucose Transporter Biology
- Molecular Mechanisms of Regulation by Dietary Constituents

MAILING LIST

To be added to our mailing list, contact:
 FASEB Summer Research Conferences
 FAX 301-634-7007
 jlevin@faseb.org or ahewitt@faseb.org

INFORMATION & APPLICATION

Available in March on our web site -- www.faseb.org/meetings/src

FASEB Members will Automatically Receive the Meeting Notice

Changing of the Guard at *The JI* (cont'd from p. 2)

initiatives to address the changing marketplace and the overall performance of *The JI*, and a modest increase in *The JI* member subscription price (last changed in 1998) was recommended by the committee.

To further enhance *The JI's* competitiveness in the marketplace and accelerate the timely dissemination of peer-reviewed science, the committee discussed publish-ahead-of-print proposals (whereby approved manuscripts are posted either before or after copy-editing) and a change in *The JI's* embargo policy. The latter would make material accepted for publication available to the news media and for commercial reprints prior to the publication date, provided the recipient agrees to refrain from distribution prior to the embargo date.

The committee then reviewed the results of The March (2002) Readership Survey, conducted to gather readers' suggestions for improvement and feedback on new initiatives proposed for the future of *The JI*. Three new journal sections advocated by Dr. Rich in anticipation of his assumption of editor-in-chief duties were tested in the survey and met with favorable member reviews and committee approval. As a result, readers will find new "In This Issue...", "Mini-Reviews", and "Letters to the Editor" sections incorporated in *The JI* in the new year. Also approved was Dr. Rich's proposal for the traditional change in *The JI* cover design, as well as more frequent turnover of cover illustrations (which currently change quarterly). Finally, in response to concerns that published papers are insufficiently succinct, the submission form will be amended to require a one-sentence summary of the paper's "bottom line" in 50 words or less.

Note: Dr. Rich reflects on these and other transition issues in his forthcoming editorial, "The Baton is Passed", in the January 1, 2003, issue of *The JI*.

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