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THE AMERICAN ASSOCIATION OF
IMMUNOLOGISTS
AAI NEWSLETTER

FOCUS ON PUBLIC AFFAIRS

The 107th Congress has begun - but just barely. Last year's contested Presidential election, as well as several too-close-to-call Senate and Congressional races, upset the routine of an incoming Congress. Things are finally falling into place. Committee assignments have finally been made (House subcommittee assignments were not made until the first week of March (!) amid controversy over the fair allocation of resources between the majority [Republicans] and the minority [Democrats]), Member and committee offices are being assigned, staff is being hired (many Republican staffers are leaving the Hill for Administration appointments), and the press corps is getting used to following Senator Hillary Clinton everywhere she goes!

Two other issues have affected life in the Capitol as the new Administration and Congress begin their work. Both are rumors, but both have sufficient "legs" that they have affected media coverage and legislative strategy. One is Vice President Cheney's recent hospitalization for his second angioplasty in four months, which has reminded voters and the media that the nation's second most powerful person (and arguably the busiest, with innumerable duties ranging from top adviser to President Bush to President of the Senate) is exceedingly vulnerable to heart disease. With Cheney widely viewed as the most experienced and powerful member of the Bush Administration, all eyes are focused on him even as he and the President protest that health is no barrier to Cheney's activity and success.

The second "rumor" is truly that, but with powerful people saying it so forcefully that groups like AAI must take notice. We are hearing over and over that the Senate "will be Democratic by summer." We heard these rumors before the 107th Congress was seated, and the two Republican Senators (Senators Strom Thurmond [R-SC] and Jesse Helms [R-NC]) whose health, and thereby ability to serve were being questioned, put those rumors firmly to rest both through spokespersons and by appearing in the Senate complex apparently healthy and well. Recently the rumors have surfaced again, and may continue whether supported by fact or not, since the retirement of either Thurmond (age 98) or Helms (age 79) would almost certainly result in a shifting of power in the Senate from Republican to Democrat. (Both South Carolina and North Carolina have Democratic Governors who will have the power to appoint a successor for the remaining term of any senator who retires.) The likelihood of either man stepping down is uncertain, but Democrats are clearly contemplating how quickly the legislative landscape could change as they consider President Bush's legislative initiatives. At the moment, delay does not seem to be the *modus operandi* of Senate Democrats, but they are not "rolling over" to the new President and his proposals either.

As to AAI, our policy and legislative agenda for 2001 is set regardless of who controls either chamber. Our commitment to be bipartisan remains, and we seek to expand our list of friends and supporters in the wake of retirements last year that caused the loss of such friends as Congressman John Porter (R-Ill) and Senator Connie Mack (R-FL). In particular, we want

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to introduce AAI, and immunology in general, to freshman members and their staffs, and to those newly placed in key leadership positions, such as Congressman Ralph Regula (R-OH), new Chairman of the House Appropriations Subcommittee on Labor, Health and Human Services, and Education. Already this year AAI's Chair of the Committee on Public Affairs (“CPA”) Jeff Frelinger, Ph.D., and CPA Member Joan Goverman, Ph.D., have each “made the rounds” on Capitol Hill meeting key staff, explaining AAI's legislative priorities, and offering to serve as resources on any biomedical research issues confronting Congress. Dr. Frelinger also hosted his member of Congress, Rep. David Price (D-NC), for a tour of his lab at the University of North Carolina at Chapel Hill, introducing the Congressman to folks in his lab, explaining his research, and describing the importance of NIH dollars to his work, his university, and his state. (AAI Council Member Don Capra has also been extremely active meeting with members of his Oklahoma delegation, including meeting a newly elected congressman.) Every AAI member can join us in this important work. If you would like to meet with your senator or congressperson, either in your home state or here in Washington, please call me and I will be happy to assist you.

The CPA has selected the following issues for its 2001 agenda:

1. NIH Appropriations

For FY 2001, NIH was appropriated \$20.3 billion, a 14% (\$2.6 billion) increase over FY 2000. (At the end of last year's appropriations process, NIH received an “across the board” cut of \$200,000, making the final number - \$2.6 billion - just below the 15% sought by AAI.)

In unveiling his budget outline on February 28, President Bush made good on his campaign pledge to continue the doubling of the NIH budget over five years (FY 2002 will be year four). His proposed budget increase of \$2.8 billion is unprecedented, representing the largest increase in the agency's funding ever offered by a President. While \$600 million short of the \$3.4 billion needed to keep doubling “on track” in year four, the President signaled his willingness to sign a bill containing the larger increase during a televised speech on February 27. He told a joint session of Congress that it would be a great tribute to Congressman Joe Moakley (D-MA), the “dean” of the Massachusetts delegation (who recently announced that he has incurable leukemia and will not run for re-election), if Congress were to double the NIH budget. The challenge for Congress is how to do this with so many competing and important priorities, and with a large tax cut on the table.

AAI will actively pursue the doubling of the NIH budget (to \$23.7 billion for FY 2002) as our key legislative priority and acknowledges, with gratitude, that the Administration has started us off on the right foot. We also recognize and respect the difficult choices facing our Congressional friends and supporters as they attempt to fulfill their commitment to the promise of biomedical research through the NIH budget.

2. Rats/mice/birds and Related Animal Issues

Last fall a settlement was reached in the lawsuit filed by the Alternatives Research Development Fund (ARDF, established by the American Anti-Vivisection Society), against the United States Department of Agriculture (USDA) regarding the inclusion of rats, mice, and birds in the Animal Welfare Act (AWA). According to the USDA, the settlement required the USDA to move forward with rulemaking, but did not obligate the agency to necessarily promulgate a rule including rats, mice, and birds under the AWA. Nevertheless, because of the serious consequences of such a change in the interpretation of the AWA on biomedical researchers (see AAI's letter to USDA at our website at www.aai.org), AAI strongly opposed this settlement. Help came from Senator Thad Cochran, (R-MS), who apparently responded to the concerns of researchers at the University of Mississippi by inserting language into the FY 2001 agriculture appropriations bill preventing the USDA from using any FY 2001 funds for rulemaking on the rats/mice/birds issue. As Chairman of the Senate Agriculture Appropriations Subcommittee, Cochran successfully stopped this settlement from moving forward during FY 2001, but this very temporary fix will expire in October 2001, and the USDA will be legally

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obligated under the terms of the settlement to move forward unless some legislative or legal action is taken.

AAI is working with Americans for Medical Progress (AMP), the National Association for Biomedical Research (NABR), the American Physiological Society (APS), and FASEB to develop a strategy on how best to address this problem.

We are also watching carefully to see if the “new” USDA moves forward on the proposed rule on “pain & distress” in animals. Last fall the USDA solicited and received comments in preparation for the promulgation of a proposed rule. If the USDA does move forward, AAI will take an active role in ensuring that immunology’s concerns are addressed.

3. Post-doctoral Compensation

AAI is concerned about ensuring future generations of skilled biomedical researchers. We believe that the very low pay and lack of employment benefits for post-doctoral fellows is driving the best science students away from research careers and toward alternative, higher paying fields. (See *So Who’s Going to Do The Science?* on page 5.) FASEB has embraced our concern by including the issue in its Federal Funding Consensus Conference Report as a top priority.

CPA Chair Jeff Frelinger, Ph.D., AAI Council Member Paul Kincade, Ph.D., (who also serves as Co-Chair of FASEB’s Education and Training Subcommittee), AAI member/FASEB Education and Training Subcommittee member Jonathan Yewdell, M.D., Ph.D., and Lauren Gross, AAI Director of Public Policy and Government Affairs, all attended a March 2 National Academy of Sciences (NAS) meeting, *Convocation on Enhancing the Postdoctoral Experience For Scientists and Engineers*, to discuss post-doctoral issues, including a report recently issued by its Committee on Science, Engineering, and Public Policy (COSEPUP). The *Summary* of the report describes well both the importance of post-docs (“Providing excellent postdoctoral experience for junior researchers is critical to the health and productivity of our system of research.” Page 4) and COSEPUP’s recommendations, many of which are strongly supported by AAI, including the need for better compensation and benefits for post-docs. The full report can be accessed online at <http://www4.nationalacademies.org/pd/postdoc.nsf> (click on *Enhancing the Postdoctoral Experience Guide*).

The CPA has already begun to educate members and Congressional staff about this problem, and welcomes your comments and support.

4. Transportation of Infectious Substances and Genetically Modified Organisms

The Department of Transportation has issued a proposed rule governing the transportation of infectious substances and genetically modified organisms (including E. coli carrying mouse or human genes!). We will be working with the American Society for Microbiology on commenting on this rule to ensure that any final rule is science-based, clear, and responsive to the concerns of AAI members.

Does Anyone Read *The Journal of Immunology*?

Yes! Yes! Yes! Yes!

This answer is based on information provided by the Institute for Scientific Information (ISI) through its *Journal Citation Reports*.

For various reasons, information from ISI is available only for the previous year, 1999. Among the 115 immunology journals surveyed by ISI, *The Journal of Immunology* ranked first in 1999 in terms of the total number of citations (96,911) and in the number of manuscripts published (1833).

Journals are rated by ISI in a number of ways, among them the impact factor. The impact factor of *The Journal of Immunology* for 1999 is calculated as follows: divide the number of 1997 and 1998 articles cited in 1999 by the number of articles published in 1997 and 1998.

The impact factor for *The JI* for 1999 (the latest year for which information is available) is 7.145. This places *The JI* in 8th place among the 115 immunology journals. However, it should be noted that five of the publications which ranked above *The JI* are review publications for which manuscripts are invited. The only peer-reviewed journals that ranked above *The JI* in terms of impact factor were *Immunity* and *The Journal of Experimental Medicine*.

In a broader context, among the 5,550 scientific journals considered by ISI, *The JI* ranked in the top 0.25 % in the number of citations and the top 2% in its impact factor.

There has been a perception that the *Cutting Edge (CE)* section of *The JI* should have a higher impact factor. The ISI was unable to provide us with this information, but we have made the calculations ourselves. The impact factor for *CE* papers for 1999, using the above equation, was 10.971 which would rank this section 6th among the immunology journals. The impact factor for the other sections of *The JI* without the *CE* section for 1999 is 6.922, which barely moves *The JI* down one place, behind the journal *AIDS*.

The JI continues to be a definitive resource for scientists, and we should be proud of our sustained excellence!

Frank Fitch, M.D., Ph.D.

Editor-in-Chief

The Journal of Immunology



EDITOR-IN-CHIEF *THE JOURNAL OF IMMUNOLOGY*

The American Association of Immunologists (AAI) seeks applicants for the position of Editor-in-Chief (EIC) for its official publication, *The Journal of Immunology (The JI)*.

The term of service for this position is from July 1, 2002 to June 30, 2007. However, the appointed EIC is expected to overlap with the incumbent EIC starting January 1, 2002, to ensure a smooth transition of responsibilities. This position is considered to be part-time for which a stipend and associated expenses are provided. Applicants must be members in good standing with the AAI and are required to reside within the continental U.S.

Applicants are expected to have an accomplished scientific career with a significant publication record and appropriate editorial experience. Candidates should possess strong leadership qualities, intellectual vision, and outstanding interpersonal skills.

The primary responsibility of the EIC is to maintain the role of *The JI* as a definitive resource for immunology research. He or she will do so by ensuring the scientific excellence of the content and integrity of the peer-review process. To that end, the EIC will recommend an editorial board for appointment by the AAI Publications Committee and approval by the AAI Council; be responsible for the oversight of editorial conduct and process; be responsible for the oversight of the peer-review process; address concerns of the authors including the consideration of all rebuttals; and make final decisions on manuscripts as required. The EIC will address allegations of misconduct (*e.g.*, plagiarism, falsification, or fraud) and respond in accordance with *The JI* Editorial Policies and Practices and AAI policy.

The EIC is responsible for reviewing *The JI* budget and will do so with the AAI Executive Director/Managing Editor, the AAI Secretary-Treasurer, the AAI President, the Chair of the Publications Committee, and relevant staff.

The EIC is responsible to the AAI Publications Committee and, ultimately, to the AAI Council. The EIC is an *ex officio* member of the Publications Committee and a non-voting member of the Council.

Interested individuals are invited to submit an application package that includes a curriculum vitae; a succinct letter of interest and qualifications; a statement on the conceptual direction of *The JI* in its pursuit of scientific excellence; and innovations that may be considered.

Applications will be received through June 30, 2001. Please address them to:

Chair
AAI Publications Committee
c/o AAI
9650 Rockville Pike
Bethesda, MD 20814

EOE

MEMBER COMMENTARY

So Who's Going to Do the Science?

by Jonathan Yewdell, M.D., Ph.D.
AAI Member

You're putting your 9-year old to bed, and the conversation turns to their future. The kid (having been raised on Rumphian-principles¹) says, "I want a job that will cure Grandma and other people and make the world a better place." Good answer, but the kid continues, "I'm gonna get married and have a boy and girl and live in the big house at the end of the block". Uh oh, that's trouble. The other dirty little secret of immunologists² is that becoming a biomedical scientist means that their parents will be supporting them for a long, long time to come, and that moving down the block isn't really in the cards.

Consider the typical future of students contemplating a research career. Biomedical scientists can spend 6 to 7 years in a Ph.D. program and 5 years as a post-doc. As Ph.D. students they earn less than \$20,000 a year. As a post-doc on a training grant, they'll be paid a starting salary of \$28,260 and won't receive pension benefits or even Social Security or its disability (SSI) benefits. When they finally do finish their post-doc years, at an average age of 37, they will get their first "real" job. This will provide them their first opportunity to save for retirement, not to mention their children's college education (which may be only a few years away) and the purchase of a home. As for the other things that highly educated and skilled professionals in the world's richest country typically provide for their families, well, basically *fugetaboutit*³.

Compare this compensation to that offered by other careers available to the bright and industrious. Even post-docs in other fields can make a lot more; for example, physics post-docs at Los Alamos National Laboratory start at \$47,000. If they gain entry to one of the top 20 law schools they'll make an average of \$88K right out of the gate (OK, but they have to be a lawyer). How about a master's degree? For an MBA, it's \$61K. For computer sciences and electrical engineering, it's \$51K. Even college graduates earn more, with starting salaries of \$46K for engineers and \$30K for B.A. graduates.

And how to explain to our future immunologist post-doc that despite hard, hard work (50-70 hours per week), years of being underpaid, and no certain pot of gold at the end of the rainbow (a tenure track job⁴) - technicians in their same laboratory (who lack advanced degrees and usually work many fewer hours) are paid considerably more and receive institutional employment benefits like health insurance, pensions, and Social Security.

So you tell your kid that while you love your job and wouldn't change your life's work for anything, the world has changed. The profession has changed. This is not a career for anyone you care about. OR.....

You help AAI fix this outrage and bring fair compensation and benefits to the people who make most of the discoveries in your lab and will be the scientific leaders of tomorrow.

As part of AAI's effort to right this terrible wrong, AAI successfully urged FASEB, during its annual Federal Funding Conference last December, to adopt a provision regarding post-doctoral compensation as one of its top recommendations in its Conference document. The provision that was subsequently adopted by FASEB follows:

** FASEB recognizes that the low level of compensation for post-doctoral fellows has created a crisis in biomedical research. FASEB recommends a substantial increase in the base salaries of NRSA-funded post-doctoral fellows and benefits comparable to those received by permanent employees.*

This consensus document, including the above provision, will be used by FASEB and its member societies to promote a federal funding agenda agreed upon by member societies. While the document contains many provisions of importance to AAI and biomedical scientists in general, no single provision is more important to the future of our profession than ensuring a continued flow of the best and brightest science students into our laboratories and pursuing the profession. In fact, the sheer number of American students (much less the best and brightest) pursuing post-doctoral programs in the biomedical sciences continues to stagnate at levels reached 30 (!) years ago despite the enormous increase in the biomedical enterprise, while the percentage of foreign nationals working as post-doctoral fellows in the U.S. has increased to 50% with no ceiling in sight.

While numerous factors affect students' career choices, there is no question that inadequate and unlivable compensation of post-docs is a major cause of our failure to recruit sufficient numbers of the best and brightest. The shabby treatment of our own is simply unethical, as it directly impacts the lives of young biomedical scientists, and even their health, given the necessity to delay childbirth. AAI's Committee on Public Affairs has made this issue one of its top agenda items for 2001 and has initiated advocacy efforts. We are encouraged by reports that the National Science Foundation has included in its FY2002 budget request a 45% increase in salaries for its post-docs, for a first year post-doc salary of \$40,000. The time has come for a similar change for biomedical scientists.

If you are moved to become involved in AAI's advocacy efforts, please contact Lauren Gross, AAI's Director of Public Policy and Government Affairs, at lgross@aai.faseb.org.

¹ Miss Rumphius, a creation of children's book author Barbara Cooney, plants flowers (and ideas in children) to make the world a better place.

² The first "dirty little secret" is the need for adjuvants to elicit immune responses to non-infectious antigens.

³ Rough translation from New York dialect is "forget about it"

⁴ I'll admit to some hyperbole here, as few would consider the opportunity to work even harder under even more stressful conditions the proverbial pot of gold.

THE AMERICAN ASSOCIATION OF IMMUNOLOGISTS

Advanced Course in Immunology

Stanford University
Stanford, California
July 8-13, 2001



DESCRIPTION

This is an intense course for serious students of immunology. It is directed toward advanced graduate students, postdoctoral and clinical fellows, and scientists who wish to expand or update their understanding of the field. Although review materials will be presented, this is not a survey course and requires that attendees have a firm understanding of the principles of immunology and basic research. This course will present recent advances in the understanding of the biology of the immune system, and its role in health and disease. The faculty is composed of leading experts in their respective fields.

Category I Continuing Medical Education (CME) credits toward the American Medical Association Physician's Recognition Award will be offered with meeting. The Federation of American Societies for Experimental Biology is accredited by the Accreditation Council for Continuing Medical Education to sponsor continuing medical education for physicians. This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of the Federation of American Societies for Experimental Biology and the American Association of Immunologists.

CME application forms will be available at the Course and in the office of the American Association of Immunologists. There is a \$35 application fee, payable upon submission of the CME application after completion of the course.

APPLICATIONS MUST BE RECEIVED BY MAY 18, 2001
Attendance is limited to 200 attendees

APPLICATION INSTRUCTIONS

Please include the following in the application package:

- ♦ Full name, address, phone, fax & email address
- ♦ Degree, title, institution
- ♦ A letter summarizing your background in immunology & your interest in attending
- ♦ A list of your current research/teaching activities
- ♦ A brief C.V. (no more than 2 pages)
- ♦ DO NOT INCLUDE PAYMENT. Students will be sent a registration form upon notification of acceptance to course. Completed registration forms and all fees will be due no later than June 1, 2001.

Send application package to:

AAI Advanced Course
c/o Linda Nelson
P.O. Box 948306
La Jolla, CA 92037-8306
Phone: (858) 565-1732 ♦ Fax (858) 565-1734
Email: AAIcourse@ucsd.edu

Note: for applications sent via email use subject line of AAI APPLICATION/YOUR LAST NAME

REGISTRATION FEES

\$200 Graduate Students (must have a letter of certification from advisor)
\$225 Postdoctoral (must have a letter of certification from advisor)
\$325 Regular/Academic
\$750 Industry

ACCOMMODATION FEES (includes daily meals)

\$635 per person, double occupancy
\$725 per person, single occupancy

AAI Web Site: www.aai.org

FACULTY

♦ Abul Abbas, Univ. of Calif., San Francisco

Autoimmunity and tolerance

♦ Rafi Ahmed, Emory Univ.

Viral immunity

♦ Leslie Berg, Univ. of Massachusetts

T cell development

♦ Cynthia Chambers, Univ. of Massachusetts

Signals for lymphocyte activation, co-stimulation

♦ Jason Cyster, Univ. of Calif., San Francisco

B cell activation and tolerance

♦ Warner Greene, Univ. of Calif., San Francisco

HIV

♦ Wendy Havran, Scripps Research Institute

Mucosal immunity and vaccines

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♦ Elizabeth Mellins, Stanford Univ.

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♦ Kenneth Murphy, Washington Univ.

Cytokines

♦ Mark Schlissel, Univ. of Calif., Berkeley

B cell development and Ab repertoire

formation

♦ Andrey Shaw, Washington Univ.

Signal transduction

♦ Ian Wilson, The Scripps Research Institute

Structural basis of immune recognition

Members in the News

Robert R. Rich, M.D., Named to Human Research Protections Panel

Robert R. Rich, M.D., has been appointed to the new National Human Research Protections Advisory Committee. His term will run from December 2000 to December 2004. Dr. Rich is the Executive Associate Dean for Research and Strategic Initiatives, and professor of medicine, microbiology and immunology at the Emory University School of Medicine.



Dr. Rich, an AAI member since 1973, currently serves as AAI's representative to the FASEB Public Affairs Executive Committee and to the FASEB Board of Directors. He is also president-elect of FASEB.

The Committee will advise the Secretary and other departmental officials on issues related to human subjects protection and the responsible conduct of human research. It will also serve as the principal advisory body to the Department of Health and Human Services (HHS) on these issues.

According to HHS, both this Advisory Committee, which was established in June 2000, and the HHS Office for Human Research Protections (OHRP), were created "to further strengthen protections of human research subjects in clinical trials, including those involving gene transfer...[,] to heighten government oversight of biomedical research and to reinforce to research institutions their responsibility to oversee their clinical researchers and institutional review boards (IRBs)."

The Committee will be composed of 12 members with expertise in biomedical research, ethics, social sciences, and public health. It will also include members from all seventeen federal agencies that conduct research involving human subjects under a regulation known as the "common rule". The first meeting, to be held in late December, will focus on financial arrangements in human research, the newly revised Declaration of Helsinki, research involving children, and institutional review and oversight of non-biomedical research under the common rule.

Etty (Tika) Benveniste, Ph.D., Appointed Chair of the Department of Cell Biology, The University of Alabama at Birmingham

Etty (Tika) Benveniste, Ph.D., has been appointed as chair of the Department of Cell Biology, The University of Alabama at Birmingham. The appointment became effective November 1, 2000.

Dr. Benveniste was previously the Graduate Program director and vice-chair of the Department of Cell Biology, as well as

associate dean for the Office of Postdoctoral Education at The University of Alabama at Birmingham. Her research focuses on the regulation and dysregulation of cytokines in the brain in normal and diseased states, and has made major contributions to the field of neuroimmunology.

Dr. Benveniste received her Ph.D. in immunology from UCLA, and completed a postdoctoral fellowship in neuroimmunology at that same institution. She has authored more than 125 original scientific papers and has served on numerous editorial boards. Dr. Benveniste served as an associate editor for *The Journal of Immunology* from 1994-1995, and as a section editor from 1995-1999. Dr. Benveniste has been an AAI member since 1990, and is currently a member of the AAI Committee on the Status of Women.

Jeffrey W. Pollard, Ph.D., Appointed Director of the Center for the Study of Reproductive Biology and Women's Health at the Albert Einstein College of Medicine

Jeffrey W. Pollard, Ph.D., professor of developmental and molecular biology of obstetrics and gynecology and women's health at the Albert Einstein College of Medicine, has been appointed Director of the Center for the Study of Reproductive Biology and Women's Health at the Albert Einstein College of Medicine. Dr. Pollard is also the Betty and Sheldon Feinberg Senior Faculty Scholar in Cancer Research and associate director of laboratory research at Einstein's Comprehensive Cancer Center.



Research conducted at the recently established center will focus on fundamental issues in female reproductive biology as they relate to improving women's health. "There is a dearth of research currently being done in reproductive biology and a wealth of opportunities that exist, from identifying the causes of infertility and early pregnancy loss to understanding the pathologies associated with cancers of the ovary, endometrium, and breast," said Dr. Pollard. "Our goal will be to develop an internationally recognized center where basic and clinical studies address these many issues concerning women's health."

Dr. Pollard received his Ph.D. degree in biochemistry from the University of London. He has been an AAI member since 1999.

David D. Chaplin, M.D., Ph.D., Named Chairman of the Department of Microbiology at the University of Alabama at Birmingham

David D. Chaplin, M.D., Ph.D., has been named the chairman of the Department of Microbiology at the University of Alabama at Birmingham effective July 1, 2001. Prior to this appointment, Dr. Chaplin was at the University of Washington at St. Louis where he was a professor of medicine, genetics, and molecular microbiology; chief of the Division of Allergy and Immunology, Department of Internal Medicine; and an associate investigator with the Howard Hughes Medical Institute.

Dr. Chaplin is a fellow of the American Association for the Advancement of Science and was elected to the American Society for Clinical Investigation and the Association of American Physicians. Dr. Chaplin has been an AAI member since 1986.

Two AAI Members Elected to the Institute of Medicine

Two AAI members have been elected to the Institute of Medicine. The newly elected members are:

Margaret K. Hostetter, M.D., professor of pediatrics; chief, Section of Immunology; and director, Child Health Research Center, School of Medicine, Yale University. Dr. Hostetter has been an AAI member since 1988.

Gerald L. Mandell, M.D., professor of medicine, Owen R. Cheatham Professor of the Sciences; and chief, Division of Infectious Diseases, Health Sciences Center, University of Virginia. Dr. Mandell has been an AAI member since 1973.

New members are elected by current active members, and are chosen for their contributions to health and medicine, or to related fields such as social and behavioral sciences, law, administration, and economics. Once elected, members make a commitment to devote a significant amount of time as volunteers on committees engaged in a wide range of studies on health policy issues.

Allan L. Goldstein, Ph.D., Appointed Board Member of The Sabin Vaccine Institute

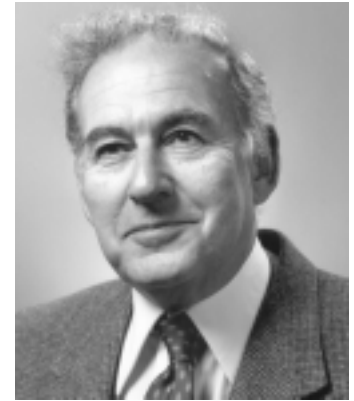
Allan L. Goldstein, Ph.D., was appointed to the Board of The Sabin Vaccine Institute at its September 26, 2000 meeting. Dr. Goldstein is a professor and chairman of the Department of Biochemistry and Molecular Biology at the George Washington University School of Medicine and Health Sciences. Prior to this, he served as the president and science director at the Institute for Advanced Studies in Immunology and Aging.

Dr. Goldstein is the co-discoverer of the thymosins, the family of polypeptide hormones of the thymus gland. Dr. Goldstein has been an AAI member since 1971.

In Memoriam

Alfred Nisonoff, Ph.D AAI President 1990-1991

Alfred Nisonoff, professor emeritus of biology at Brandeis University, who resided in Newton, Mass., died on Monday, March 12, 2001. He was 78 years old.



Nisonoff's scientific contributions included some of the most important work on the structure of the antibody molecule, an essential component of the immune system. He was one of the first scientists to describe the part of the antibody that recognizes antigens. He also recognized the importance of determining the spatial organization of the antibody molecule and, to this end, he crystallized a piece of human "antibody" so that it could be studied by X-ray diffraction. In the early 1970s, before the technology for gene cloning was developed, he showed that structural features of antibodies could be used to provide essential clues about the genes encoding them.

Nisonoff was a member of the National Academy of Sciences and had been an AAI member since 1960. He also authored more than 250 publications.

Nisonoff joined the Brandeis faculty as professor of biology in 1975 at the university's Rosenstiel Basic Medical Sciences Research Center, retiring in 1993. He previously did research and taught at the University of Illinois College of Medicine, the University of Illinois, Urbana, and the Roswell Park Memorial Institute.

Nisonoff received his B.S. from Rutgers University in 1942 and his Ph.D. in chemistry from Johns Hopkins University in 1951. He served in the U.S. Navy as a Lt. JG from 1943-1945.

Among his other honors, Nisonoff was a Fellow of the American Academy of Arts and Sciences, a Foreign Associate of the Belgian Royal Academy of Medicine, and recipient of the Distinguished Scientist Award in Immunology from the Southwest Foundation for Biomedical Research.

He is survived by his former wife, Sarah Nisonoff, two children, Donald Nisonoff and Linda Nisonoff, and four grandchildren, Gregory and Darren Freeman, and Lara and Elena Nisonoff.

Submitted by the Nisonoff family.

Geoffrey Haughton, Ph.D.

Geoffrey Haughton, Ph.D., died Sunday, October 22, 2000 after a year-long battle with cancer. At the time of his death Geoff was a professor emeritus of immunology in the Department of Microbiology and Immunology, School of Medicine, The University of North Carolina at Chapel Hill. Geoff was admired and loved by the many students who trained with him. He had only just retired in the fall of 1999 at which time nearly all his former students honored him with a 2 day retirement celebration. Geoff is remembered not only for his gifted scientific abilities and insight but also for his unique sense of humor and genuine caring for his students, lab staff, and colleagues.



Geoff was educated in England, his birth country, receiving his Ph.D. in 1958 from Southampton University. Following several years at the Microbiological Research Establishment in Porton, Wiltshire, Geoff was a visiting scientist in the Department of Tumor Biology, Karolinska Institute, Stockholm, in the laboratory of Dr. George Klein. In 1966 he immigrated to the U.S., becoming an assistant professor in the Department of Bacteriology and Immunology, School of Medicine, The University of North Carolina at Chapel Hill. In 1968 he was promoted to associate professor. A year's sabbatical in the laboratory of Dr. O. Makela, Department of Serology and Bacteriology, University of Helsinki, Finland, preceded his promotion in 1972 to professor of immunology. Geoff served as a member of the Immunological Sciences and Immunobiology NIH Study Sections and was a co-founding editor of *International Immunology*. He had been an AAI member since 1974.

As many scientists, Geoff had several interests which are reflected in the 114 papers he authored. In his early years in immunology, Geoff was interested in tissue rejection and, in particular, the nature of the antigens involved. This naturally led him to a study of MHC antigens and an interest in how tissue rejection directed against minor non-MHC histocompatibility antigens was controlled by H-2. Another longtime interest was the control exerted on antibody responses by existing immunoglobulin specific for the immunizing antigen. Geoff will undoubtedly be most remembered for his contributions to B cell biology, especially the development and biology of B-1 cells, the work that occupied the last 20 years of his career. This interest developed from the serendipitous discovery during the H-2/non-MHC studies of many transplantable B cell lymphomas – the CH lymphomas. This group of lymphomas was important because at the time there were no transplantable murine B cell malignancies available. Many immunologists have used these cells, especially the *in vitro* lines of CH12 and CH27, because Geoff was very generous with their distribution, feeling very strongly that research materials should be shared freely. The CH lymphomas were found to express Ly-1 (CD5) at a time when CD5 was believed exclusive to T cells. This, along

with other unique features led to the recognition of this B cell subset known now as B-1 cells. Geoff's interest in B-1 cells became centered on where these cells come from, and he developed the view, along with Henry Wortis, that these cells, rather than deriving from progenitors separate from B-2 cells, develop from newly formed mature B-0 (B-2) cells as a result of the type of first antigen encounter. Studies by Geoff and his colleagues at The University of North Carolina, as well as others, have led to the general acceptance of this view of B-1 development. Geoff will be greatly missed by his students, colleagues, and friends.

Larry W. Arnold, Ph.D.
Director, Flow Cytometry Facility
Lineberger Comprehensive Cancer Center

AAI extends condolences to the family, friends and colleagues of the following deceased members:

Jean D. Acton, Ph.D.
A. Arthur Gottlieb, M.D.
Hans-Jorg Heiniger, D.V.M., Ph.D.
Robert H. Kelly, Ph.D.
Edwin H. Lennette, M.D., Ph.D.
W. James Metzger, M.D.

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AAI Welcomes New Members

AAI would like to welcome the following who were approved as new members on December 15, 2001.

Arne N. Akbar, Ph.D.
Sofija Andjelic, M.D.
Steven E. Applequist, Ph.D.
Robert H. Arch, Ph.D.
Tadashi Ariga, M.D., Ph.D.
Laurent P. Audoly, Ph.D.
Charles L. Bevins, M.D., Ph.D.
Patrick J. Blair, Ph.D.
Prosper N. Boyaka, Ph.D.
Alan Burns, Ph.D.
Tian-Quan Cai, Ph.D.
Bruce A. Cairns, M.D.
Mark S. Cattral, M.D.
Nelson J. Chao, M.D.
Zhibin Chen, Ph.D., M.D.
Monica G. Chiamonte, Ph.D.
Subba R. Chintalacheruvu, Ph.D.
Daeho Cho, Ph.D.
Chulhee Choi, M.D., Ph.D.
Eduardo Chuluyan, M.D.
Michael J. Clare-Salzler, M.D.
Lauren E. Cohn, M.D.
Gay M. Crooks, M.B., B.S.
Tyler J. Curiel, B.S., M.D.
Tao Dao, M.D., Ph.D.
Craig B. Davis, Ph.D.
Jos Domen, Ph.D.
William R. Drobyski, M.D.
Terry W. Du Clos, M.D., Ph.D.
Elizabeth Fitzpatrick, Ph.D.
Madeline M. Fort, Ph.D.
Deborah J. Fowell, Ph.D.
Nikolaos G. Frangogiannis, M.D.
Gordon J. Freeman, Ph.D.
Kimberly Lynn Gandy, M.D., Ph.D.
Ramesh K. Ganju, Ph.D.
Carsten Geisler, M.D., Ph.D.
Jared A. Gollob, M.D.
Jean-Pierre E. Gorvel, Ph.D.
Jane L. Grogan, Ph.D.
Michael M. Grunstein, M.D., Ph.D.
Jean-Charles Guery, Ph.D.
Rupert Handgretinger, M.D., Ph.D.
Mina Hassan-Zahraee, Ph.D.
Youwen He, M.D., Ph.D.
Peter C. Heinrich, Ph.D.
Hector J. Hernandez, Ph.D.
Birgitta Heyman, M.D., Ph.D.
Steffan N. Ho, M.D., Ph.D.
Uffe Holmskov, M.D., Ph.D.
David W. Hoskin, Ph.D.
Yenya Hu, M.D., Ph.D.
Makoto Inaoki, M.D., Ph.D.
Hiromasa Inoue, M.D., Ph.D.
Lionel B. Ivashkiv, M.D.
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Sally C. Kent, Ph.D.
Lawrence D. Kerr, Ph.D.
Ashwani K. Khanna, Ph.D.
Jean Kim, M.D., Ph.D.
Soo-Hyun Kim, Ph.D.
Kenji Kishihara, Ph.D.
Atsushi Kitani, M.D., Ph.D.
Michael J. Klemsz, Ph.D.
Paul Kubes, Ph.D.
Akira Kudo, Ph.D.
Shinichiro Kurosawa, M.D., Ph.D.
Michael Lahn, M.D.
Robert I. Lechler, Ph.D.
Ake Lernmark, M.D.
Francesca Levi-Schaffer, Ph.D.
Zihai Li, M.D., Ph.D.
Hsiou-Chi Liou, Ph.D.
Massimo Locati, M.D.
Pedro R. Lowenstein, M.D.
Georges JM Maestroni, Ph.D.
Rizgar A. Mageed, Ph.D.
Rick M. Maizels, Ph.D.
Peter Mancuso, Ph.D.
Brian K. Martin, Ph.D.
Misao Matsushita, Ph.D.
M. Lamine Mbow, Ph.D.
Marcia F. McInerney, Ph.D.
Kelly M. McNagny, Ph.D.
Doron Melamed, Ph.D.
Antoine Menoret, Ph.D.
John A. Mikszta, Ph.D.
Xianming Mo, M.D., Ph.D.
Martha M. Monick, B.A.
Miriana Moran, Ph.D.
Hiroshi Nakajima, M.D.
Delia J. Nelson, Ph.D.
Gamal E. Osman, Ph.D.
David A. Ostrov, Ph.D.
Caroline A. Owen, M.D., Ph.D.
Paul Patek, Ph.D.
Manuel L. Penichet, M.D., Ph.D.
Josef M. Pfeilschifter, M.D.
Gregory Plautz, M.D.
Nilofer Qureshi, Ph.D.
Lorita M. Rebellato, Ph.D.
Khadir Raddassi, Ph.D.
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Young Chul Sung, Ph.D.
Catharina Svanborg, Ph.D.
Eva Sverremark Ekstrom, Ph.D.
Litjen Tan, Ph.D.
Toshiyuki Tanaka, Ph.D.
Suzanne S. Teuber, M.D.
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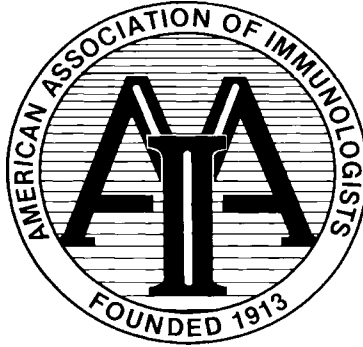
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The Rockefeller Brothers Fund is currently accepting applications for its 2002 Charles E. Culpeper Scholarships in Medical Science Program designed to support the career development of academic physicians.

Up to four awards of \$100,000 per year for three years will be made to **United States medical schools or equivalent United States educational institutions** on behalf of candidates who are U.S. citizens or aliens who have been granted permanent U.S. residence (proof required); who have received their M.D. degree from a **U.S. medical school** or the equivalent of an M.D. degree from an educational institution equivalent to a United States medical school in 1993 or later (except under extraordinary circumstances, as approved by the Fund before submittal); and who are judged worthy of support by virtue of the quality of their research proposals. All scientific research relevant to human health is eligible for consideration. No institution may nominate more than one candidate.

In selecting awardees emphasis will be on identifying young physicians with clear potential for making substantial contributions to science as academic physicians. Since January 1988, 45 physicians have been selected as Charles E. Culpeper Medical Scholars.

Deadline for applications is August 15, 2001. Awards will be announced in January 2002, for activation on or about July 1, 2002. Application forms and instructions may be obtained from:

Rockefeller Brothers Fund
437 Madison Avenue, 37th Floor
New York, NY 10022-7001
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www.rbf.org

Fulbright Offers Lecturing/Research Awards in 140 Countries

The Fulbright Scholar Program is offering lecturing/research awards in 140 countries for the 2002-2003 academic year. Traditional Fulbright awards are available from two months to an academic year or longer. A new short-term grants program - the Fulbright Senior Specialists Program - offers two-to-six week grants in a variety of disciplines and fields. While foreign language skills are needed in some countries, most Fulbright lecturing assignments are in English.

Application deadlines for 2002-2003 awards are:

May 1, 2001	for Fulbright Distinguished Chair awards in Europe, Canada and Russia
August 1, 2001	for Fulbright traditional lecturing and research grants worldwide
November 1, 2001	for spring/summer seminars in Germany, Korea, and Japan for international educators and academic administrators and for the summer German Studies Seminar
Rolling Deadline	Fulbright Senior Specialists Program

For information contact:
Council for International Exchange of Scholars (CIES)
3007 Tilden Street, N.W., Suite 5L
Washington, D.C. 20008-3009
(202) 686-7877
Email: apprequest@cies.iie.org
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**AAI TRAVEL AWARD PROGRAM
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OF IMMUNOLOGY
Stockholm, Sweden
July 22-27, 2001**



The American Association of Immunologists is pleased to announce the availability of Travel Awards to AAI members attending the 11th International Congress of Immunology. Eligible applicants must be active AAI members (regular or trainee) at the student, post-doctoral or Assistant Professor level (or equivalent.) More senior scientists (Associate Professor and beyond) are not eligible for consideration. The award amount is up to \$1500 and will be issued upon submission of actual receipts.

The 11th International Congress is hosted by the International Union of Immunological Societies (IUIS) and the Swedish Immunology Society (SIS). For more meeting information go to www.ici2001.org

The deadline for receipt of applications has been extended to May 20, 2001.

For further information call the AAI office at 301-530-7178; fax 301-571-1816; or email: infoaai@aai.faseb.org.

APPLICATION INFORMATION

Include the following information in your application.

Contact Information

Full Name
Mailing Address (include phone and email)
Title and Affiliation

Education (including fellowships)

Research and Professional Experience

In chronological order, list your employment and research experience.
List peer-reviewed publications or published abstracts (include titles and all authors). Clearly indicate abstracts.

Participation at the Congress

If you are presenting an abstract at the Congress, attach a copy.
If you are an invited speaker, list the title of your presentation and the programmed time.

Personal Statement

Include a succinct statement as to your research goals and the value of attending the 11th International Congress (1 page limit).

Letter of Recommendation and Trainee Certification

Applications from trainee members must be accompanied by a letter of recommendation from his or her advisor or mentor, and a completed AAI Trainee Certification Form.

MEETING ANNOUNCEMENTS

April

Apr. 20-21 *Pemphigus as a Model of Organ-specific Humoral Autoimmune Diseases* will be held at NIH, Bethesda, MD.

Contact: Janet Segall, Executive Director, National Pemphigus Foundation, P.O. Box 9606, Berkeley, CA 94709-0606.

Phone: (510) 527-4970

Email: pvnews@aol.com

Web: www.pemphigus.org/nih.htm

Apr. 22-26 *11th International Conference - Second Messengers and Phosphoproteins* will be held in Melbourne, Australia.

Contact: The Meeting Planners, 108 Church Street, Hawthorn 3122, Victoria, Australia.

Phone: 61 3 9819 3700 ♦Fax: 61 3 9819 5978

Email: enquiries@meetingplanners.com.au

Web: www.secondmessengers.com

April 23-25 *Fourth Annual Conference on Vaccine Research* will be held at the Hyatt Regency Crystal City, Arlington, VA.

The conference is an international, non-commercial forum designed to bring together researchers from the diverse disciplines involved in the rapidly changing field of vaccine research. Attendees come from all levels of government, international and non-governmental organizations, academia, and the pharmaceutical and biotechnology industries. Sponsored by the National Foundation for Infectious Diseases in collaboration with: Centers for Disease Control and Prevention, National Institute of Allergy and Infectious Diseases, Center for Biologics Evaluation and Research, FDA, International Society for Vaccines, Albert B. Sabin Vaccine Institute, U.S. Dept. of Agriculture, World Health Organization. **Contact:** NFID/ACVR, 4733 Bethesda Ave., Suite 750, Bethesda, MD 20814.

Phone: (301) 656-0003, x19 ♦Fax: (301) 907-0878

Email: info@nfid.org

Web: www.nfid.org/conferences/vaccine01

May

May 2-4 *The 7th National Symposium: Basic Aspects of Vaccines* will be held in Bethesda, MD. **Contact:** Janet O'Brien, Dept. of Membrane Biochemistry, Walter Reed Army Institute of Research, Silver Spring, MD 20910-7500.

Phone: (301) 319-9462 ♦Fax: (301) 319-9035

Email: symposium@na.amedd.army.mil

Web: wrair-www.army.mil/symposia/dmbsym.htm

May 4-7 *Federation of Clinical Immunology Societies (FOCIS) Annual Meeting*, sponsored by the Clinical Immunology Society and 14 other clinical immunology related societies, will be held in Boston, MA. **Contact:** Ken Janowski, FOCIS Meeting Secretariat, 611 E. Wells St., 4th Floor, Milwaukee, WI 53202.

Phone: (414) 224-8095 ♦Fax: (414) 276-3349

Email: focus@execinc.com

Web: www.focusnet.org

May 4-8 *VIIIth International Myeloma Workshop* will be held in Banff, Alberta, Canada. **Contact:** Myeloma Secretariat, National Research Council Canada, Bldg. M-19, Montreal Rd., Ottawa, Ontario, Canada K1A 0R6.

Phone: (613) 993-7271 ♦Fax: (613) 993-7250

Email: myeloma@nrc.ca

Web: www.nrc.ca/confserv/myeloma

May 16-19 *Psychoneuroimmunology: Molecules to Disease Models*, the 9th International Meeting of the Psychoneuroimmunology Research Society, will be held in Utrecht, The Netherlands.

Email: pnirs@pnirs.org

Web: www.pnirs.org

May 16-19 *International Scientific Conference on Complementary, Alternative & Integrative Medicine Research* will be held at the Cathedral Hill Hotel, San Francisco, CA.

Contact: Harvard MED-CME, P.O. Box 825, Boston, MA 02117-0825.

Phone: (617) 432-1525 ♦Fax: (617) 432-1562

Email: hms-cme@hms.harvard.edu

May 25-27 *3rd Berlin Symposium on Immunology of Infection - "Dendritic Cells and Macrophages in Infectious Diseases"* will be held in Berlin, Germany. **Contact:** Congress Secretary, Jytte Krake, Institut für Infektionsmedizin Freie Universität Berlin, Hindenburgdamm 27, 12203 Berlin, Germany.

Phone: 49 30 8445 3641 ♦Fax: 49 30 8445 3830

Email: sekrhahn@zedat.fu-berlin.de

Web: www.gran.de/berlsymp

June

June 9-12 *21st Annual Meeting of the American Society for Reproductive Immunology* will be held at the Fairmont Hotel in Chicago, IL. **Contact:** J.Y.H. Kwak-Kim, M.D., Dept. of Reproductive Medicine, Finch Univ. of Health Sciences/The Chicago Medical Sch., North Chicago, IL 60064.

Phone: (847) 578-8767 ♦Fax: (847) 578-8572

Email: kwakj@finchcms.edu

Web: www.theasri.org

July

Jul. 2-6 *VIII International Congress of Reproductive Immunology* will be held in Opatija, Croatia. **Contact:** Prof. Daniel Rukavina Medical Faculty, University of Rijeka, B. Branchetta 20, HR-51000, Rijeka, Croatia.

Phone: 385 51 651 150 ♦Fax: 385 51 675 699

Email: daniel@medri.hr

Web: www.medri.hr/eng/kongresi/icri/

Jul. 15-20 *6th International Veterinary Immunology Symposium* will be held in Uppsala, Sweden. **Contact:** SLU Conference Service, P.O. Box 7059, S-750 07 Uppsala, Sweden. Phone: 46 18 67 1533 •Fax: 46 18 67 3530
Email: ivis2001@slu.se
Web: www.service.slu.se/conference/ivis2001

Jul. 21-25 *The American Society for Virology 20th Annual Scientific Meeting* sponsored by the University of Wisconsin-Madison will be held in Madison, WI. **Contact:** Sidney E. Grossberg, Secretary-Treasurer, American Society for Virology, Dept. of Microbiology and Molecular Genetics, Medical College of Wisconsin, 8701 Watertown Plank Rd., Milwaukee, WI 53226-0509.
Phone: (414) 456-8104 •Fax: (414) 456-6566
Email: segrossb@mcw.edu
Web: www.mcw.edu/asv/meetings.html

Jul. 22-28 *11th International Congress of Immunology*, organized by the Scandinavian Society for Immunology, will be held in Stockholm, Sweden. **Contact:** Stockholm Convention Bureau, ICI 2001, P.O. Box 6911, SE-102 39 Stockholm, Sweden.
Phone: 46 8 54 65 15 00 •Fax: 46 8 54 65 15 99
Email: ici2001@stocon.se
Web: www.ici2001.org/

August

Aug. 26-30 *Fifth International Symposium on Mass Spectrometry in the Health and Life Sciences: Molecular & Cellular Proteomics*, will be held at the Fairmont Hotel, San Francisco, CA. **Contact:** Marilyn F. Schwartz, Conference Coordinator, Dept. of Pharmaceutical Chemistry, UCSF, San Francisco, CA 94143-0446.
Phone: (415) 476-4893
Email: sfms@itsa.ucsf.edu
Web: www.donatello.ucsf.edu/symposium

September

Sep. 21-23 *Immunotherapy 2001: American Academy of Immunotherapy* will be held at the Ritz Carleton Hotel in Washington, D.C.
Reservations: (800) 241-3333
Information: (800) 597-3991

Sep. 22-25 *The 41st Interscience Conference on Antimicrobial Agents and Chemotherapy (41st ICAAC)* will be held in Chicago, IL. **Contact:** M.S. Hershey Medical Centre, Penn State Univ., 500 University Drive, Hershey, PA 17033.
Phone: (717) 531-6521 •Fax: (717) 531-6522
Email: rcourtne@bcmic.hmc.psu.edu

October

Oct. 6-10 *2001 The New Regeneration* will be held at the Nomikos Conference Center, Santorini, Greece.
Email: Panagiotis Tsonis, Ph.D. - tsonis@neelix.udayton.edu
Web: www.aegeanconferences.org

Oct. 10-14 *Cellular and Molecular Physiology of Sodium-Calcium Exchange* will be held in Banff, Alberta, Canada.

Abstract deadline: June 1, 2001. Contact: The American Physiological Society 9650 Rockville Pike, Bethesda, Maryland 20814-3991.
Phone: (301) 530-7171 •Fax: (301) 571-8313
Email: meetings@aps.faseb.org
Web: www.faseb.org/aps

Oct. 10-14 *Complement Associated Diseases, Animal Models, and Therapeutics* will be held at the Nomikos Conference Center, Santorini, Greece.
Email: John D. Lambris, Ph.D. - lambris@mail.med.upenn.edu
Web: www.aegeanconferences.org

Oct. 13-17 *The American Society of Histocompatibility and Immunogenetics 27th Annual Meeting* will be held at the Hyatt Regency in the Embarcadero Center, San Francisco, CA. **Contact:** Janene Dawson, ASHI Association Manager, P.O. Box 15804, Lenexa, KS 66285-5804.
Phone: (913) 541-0009 •Fax: (913) 599-5340
Email: ashamp@aol.com
Web: www.ashi-hla.org

Oct. 14-17 *Remodeling and Repair in Respiratory Disease* will be held at the La Fonda Hotel, Santa Fe, New Mexico. **Contact:** Alice M. Hannon, Lovelace Respiratory Research Institute, P.O. Box 5890, Albuquerque, NM 87185
Phone: (505) 845-1124 •Fax: (505) 845-1193
Email: ahannon@LRRI.org
Web: www.lovelace-symposium.org

Oct. 15-19 *Molecular Autoimmunity* will be held at the Nomikos Conference Center, Santorini, Greece.
Email: George Tsokos, M.D., Ph.D. - gtsokos@usa.net
Web: www.aegeanconferences.org

Oct. 18-20 *Genome and Hormones: An Integrative Approach to Gender Differences in Physiology* will be held in Pittsburgh, PA. **Abstract deadline: June 1, 2001. Contact:** APS, 9650 Rockville Pike, Bethesda, Maryland 20814-3991.
Phone: (301) 530-7171 •Fax: (301) 571-8313
Email: meetings@aps.faseb.org
Web: www.faseb.org/aps

Oct. 23-24 *Intensive Review Course in Clinical Tropical Medicine and Travelers' Health* will be held in San Francisco, CA. Sponsored by the American Society of Tropical Medicine and Hygiene (ASTMH) in cooperation with the American Committee on Clinical Tropical Medicine and Travelers' Health.
Phone: (847) 480-9592
Email astmh@astmh.org
www.astmh.org

November

Nov. 2-7 *ThymUS* will be held at the Wyndham El San Juan Hotel & Casino, San Juan, Puerto Rico.
Email: thymus@mskcc.org
www.mskcc.org/thymus

Nov. 5-8 *The Second Al Ain International Immunology Meeting - Immunoregulation in Health and Disease* will be

held at the Intercontinental Hotel in Al Ain. The meeting is organized by The Faculty of Medicine and Health Sciences, United Arab Emirates University. **Contact:** Organizing Committee, Dept. of Microbiology and Immunology, Faculty of Medicine and Health Sciences, UAE University, P.O. Box 17666, Al Ain, UAE.
Phone: 971 3 7039488 •Fax: 971 3 7671966
Email: m.lukic@uaeu.ac.ae

Nov. 10-11 *Updates in Special Bacterial Pathogens* will be held at the Hilton Atlanta and Towers, Atlanta, GA. Sponsored by the American Society of Tropical Medicine and Hygiene (ASTMH) in cooperation with the American Committee on Clinical Tropical Medicine and Travelers' Health.
Phone: (847) 480-9592
Email: astmh@astmh.org
www.astmh.org

Nov. 11-15 *65th Annual Scientific Meeting of the American College of Rheumatology* will be held in San Francisco, CA. **Contact:** American College of Rheumatology, 1800 Century Place, Suite 250, Atlanta, GA 30345-4300.
Phone: (404) 633-3777 •Fax: (404) 633-1870
Email: acr@rheumatology.org
Web: www.rheumatology.org

Nov. 11-15 *American Society of Tropical Medicine and Hygiene (ASTMH) 50th Annual Meeting* will be held at the Hilton Atlanta and Towers, Atlanta, GA. **Abstract submission deadline: June 1, 2001.** Go to <http://abstract.cornetser.com/> for on-line abstract submission.
Phone: (847) 480-9592
Email: astmh@astmh.org
www.astmh.org

FUTURE MEETINGS

Feb. 20-24, 2002 *3rd International Congress on Autoimmunity* will be held in Geneva, Switzerland. **Contact:** Prof. Yehuda Shoenfeld, 3rd International Congress on Autoimmunity, P.O. Box 50006, Tel Aviv 61500, Israel.
Phone: 972 3 5140018/9 •Fax: 972 3 5172484
Email: autoim02@kenes.com

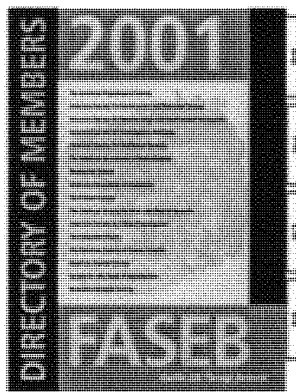
Apr. 20-24, 2002 *EB '2002* will be held in New Orleans, LA. **Contact:** EB '2002, 9650 Rockville Pike, Bethesda, MD 20814.
Phone: (301) 530-7010 •Fax: (301) 530-7014
Email: eb@faseb.org
Web: www.faseb.org/meetings

Jul. 7-12, 2002 *XIVth World Congress of Pharmacology* sponsored by the International Union of Pharmacology, the National Academy of Sciences, and the American Society for Pharmacology and Experimental Therapeutics, will be held in the Moscone Convention Center, San Francisco, CA. **Abstract deadline is January 31, 2002.** **Contact:** Congress Secretariat, XIVth World Congress of Pharmacology, 9650 Rockville Pike, Bethesda, MD 20814-3995.
Phone: (301) 530-7061
Email: juphar@aspet.faseb.org
Web: www.iuphar.org

Jul. 7-12, 2002 *The American Society for Virology 21st Annual Scientific Meeting* will be held in Lexington, KY, sponsored by The University of Kentucky, Lexington. **Contact:** Sidney E. Grossberg, Secretary-Treasurer, American Society for Virology, Dept. of Microbiology and Molecular Genetics, Medical College Wisconsin, 8701 Watertown Plank Road, Milwaukee, WI 53226-0509.
Phone: (414) 456-8104 •Fax: (414) 456-6566
Email: segrossb@mcw.edu
Web: www.mcw.edu/asv

Oct. 25-29, 2002 *66th Annual Scientific Meeting of the American College of Rheumatology* will be held in New Orleans, LA. **Contact:** American College of Rheumatology, 1800 Century Place, Suite 250, Atlanta, GA 30345-4300.
Phone: (404) 633-3777 •Fax: (404) 633-1870
Email: acr@rheumatology.org
Web: www.rheumatology.org

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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*. **Subscriptions will start upon receipt of your application and end on December 31 of the current year.** 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.

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**QUALIFICATIONS AND APPLICATION FOR REGULAR MEMBERSHIP
2001 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, 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. The requirement for an advanced degree can be waived in certain circumstances if the candidate shows evidence of other appropriate training and research experience.
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, refereed journal.

THIS APPLICATION MUST INCLUDE:

- 1) Four copies of your bibliography and curriculum vitae.
- 2) The name and signature of an active AAI member as your reference.

NAME: _____

TYPE OF DEGREE(S) AND DATE(S) RECEIVED _____

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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 Chair of the AAI Membership Committee. 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	
2001 Dues Rates: 1 January - 31 December:	U.S. - \$225.00	Canadian - \$323.00	International - \$315.00

**Experimental
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2002

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(ASPET)

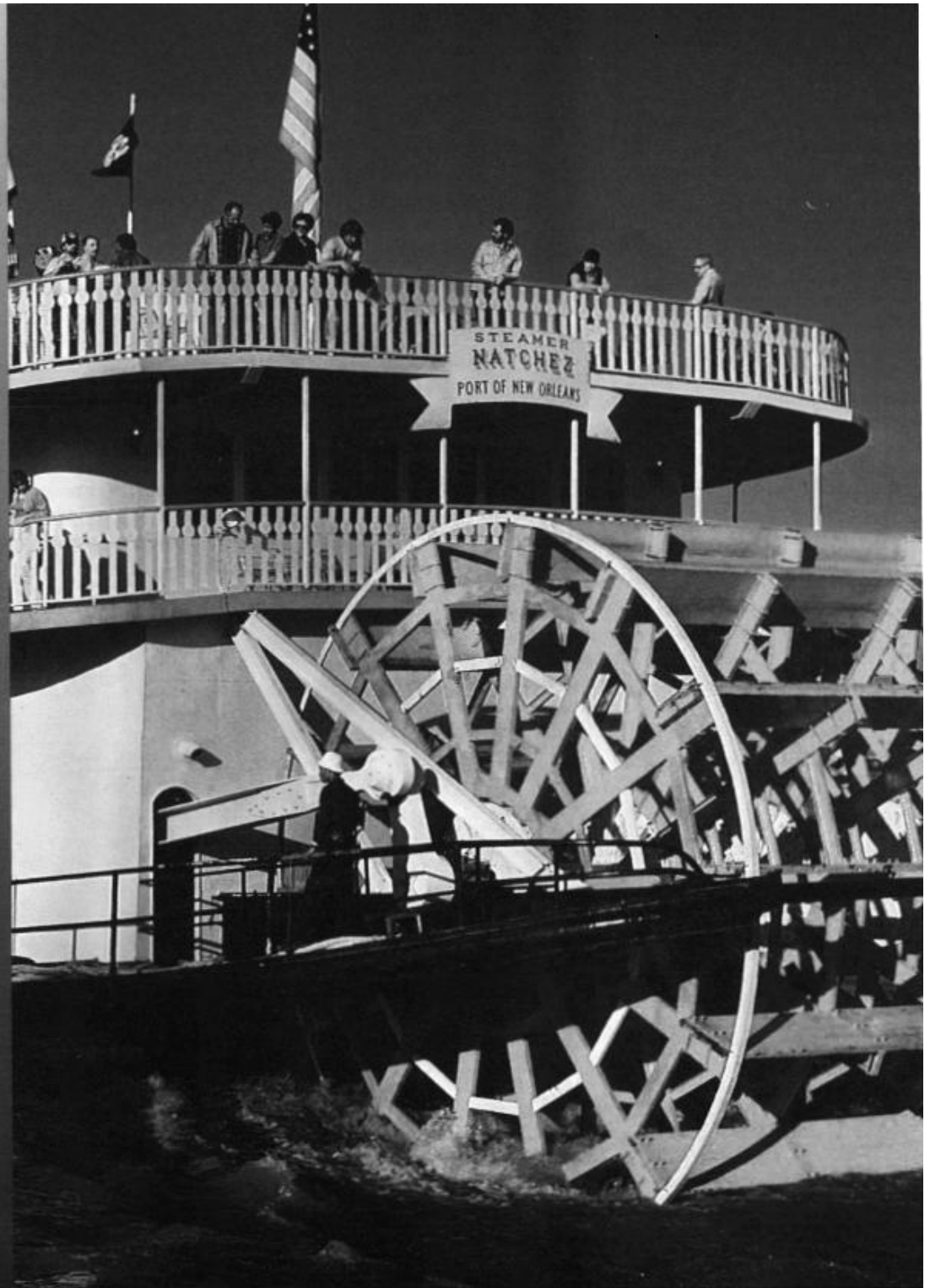
American Society for
Investigative
Pathology (ASIP)

American Society for
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(ASNS)

The American Association
of Immunologists (AAI)

American Association
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Guest Societies



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Experimental Biology 2002
9650 Rockville Pike
Bethesda, MD 20814-3998
Tel: (301) 530-7010
Fax: (301) 530-7014
www.faseb.org/meetings

Web Sites of Interest

The AAI lists these web sites as a service to our membership and readership. AAI does not endorse or guarantee the information on the listed sites. If you wish to comment, or offer sites of interest, please contact AAI at infoaai@aai.faseb.org

American Association for Cancer Research

The American Association for Cancer Research (AACR), a scientific society of over 15,000 laboratory and clinical cancer researchers, was founded in 1907 to facilitate communication and dissemination of knowledge among scientists and others dedicated to the cancer problem; to foster research in cancer and related biomedical sciences; to encourage presentation and discussion of new and important observations in the field; to foster public education, science education, and training; and to advance the understanding of cancer etiology, prevention, diagnosis, and treatment throughout the world.

www.aacr.org

The Osteogenesis Imperfecta Foundation

The Osteogenesis Imperfecta Foundation, Inc. (OI Foundation) is the only voluntary national health organization dedicated to helping people cope with the problems associated with osteogenesis imperfecta. The Foundation's mission is to improve the quality of life for individuals affected by OI through research to find a cure, education, awareness, and mutual support.

www.oif.org

FASEB Releases FY 2002 Funding Recommendations For NIH and Six other Federal Agencies

On Jan. 24, 2001, FASEB released its annual report to Congress, *Federal Funding for Biomedical and Related Life Sciences Research, FY 2002*. In it, FASEB urged lawmakers to provide the National Institutes of Health (NIH) with a 15 percent budget increase for 2002. This recommendation for NIH, along with recommendations for six other federal agencies that support basic biomedical or life sciences research (National Science Foundation, U.S. Department of Agriculture, Department of Energy, Veterans Administration, the National Aeronautics and Space Administration and the Department of Defense), grew out of a three-day conference of working scientists representing FASEB member societies. A copy of this publication can be viewed online at www.faseb.org/opar/pubs.

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