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THE AMERICAN ASSOCIATION OF IMMUNOLOGISTS

AAI NEWSLETTER

The Benefits of Medical Research and the Role of the NIH Executive Summary

The following is from the recently released report *The Benefits of Medical Research and the Role of the NIH* from the United States Senate Joint Economic Committee. The report was prepared under the direction of the JEC chairman, Senator Connie Mack (R-FL). The report is a summary of various studies and reports - including the FASEB benefits study. A complete copy of the report may be downloaded from the following web site: www.senate.gov/~jec/106list.html.

FOREWORD *(Remarks from Senator Mack)*

The United States is the world leader in biomedical research. The benefits derived from our commitment to research have led to life-saving medical breakthroughs and dramatically improved the quality of life for people everywhere. Research has demonstrated that many diseases can be prevented, eliminated, detected or managed more effectively through a vast array of new medical procedures and therapies. But there is much more to learn, and much more we can do to enhance the quality of life for all Americans. We are on the verge of finding cures and new treatments for so many of the diseases that plague our society. Research is the key to unlocking the knowledge we need to find these cures.

The health and well-being of future generations depend on strengthening our dedication to the principle that the federal government, in partnership with the private sector, has a legitimate role in furthering the advancement of science. Investment in basic science helps us compete in the global marketplace in such industries as pharmacology, biotechnology, and medical technologies. I am optimistic that researchers throughout our nation will have the necessary resources to build upon the discoveries of the past, and to continue making new innovations in the future. Turning those discoveries into new methods of treating disease will make every American the beneficiary of these monumental achievements.

That's what this effort is really about: hope and opportunity. The challenge before us is great, but America has always responded when our people are behind the challenge. America landed a man on the moon. We pioneered computer technology. America won the Cold War. Now it is time to win the war against the diseases that plague our society. We have the knowledge. We have the technology. Most important, we have the support of the American people.

**Senator Connie Mack, Chairman
Joint Economic Committee**

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"Benefits of Medical Research" continued from page 1

The NIH Leads the Battle Against Disease

•**Leading the battle against disease.** As the world's leading medical research institution, the NIH funds more than 35,000 research grants each year to scientists across the country making advances against heart disease, cancer, and many other diseases. NIH-funded scientists have won 93 Nobel Prizes over the years, and researchers in the NIH's own labs have won 5 Nobel Prizes.

•**High returns from federal investments.** The federal government, mainly through the NIH, funds about 36 percent of all U.S. medical research. Most NIH-funded research focuses on basic science, which creates advances across many disease categories. Publicly funded research in general generates high rates of return to the economy, averaging 25 to 40 percent a year.

•**Successes against many diseases.** NIH-funded research has contributed to dramatic decreases in heart disease and stroke mortality rates, increased cancer survival rates, new medications for mental illness, vaccines to protect against infectious diseases, and many other advances in medicine.

•**NIH behind 7 of 21 top drugs.** Of the 21 most important drugs introduced between 1965 and 1992, 15 were developed using knowledge and techniques from federally funded research. Of these, NIH research led to the development of 7 drugs used to treat patients with cancer, AIDS, hypertension, depression, herpes, and anemia.

Reducing the Economic Costs of Illness

•**Economic costs of illness.** The economic costs of illness in the U.S. are approximately \$3 trillion annually, representing 31 percent of the nation's GDP. This includes "direct" costs of public and private health care spending of \$1.3 trillion, and "indirect" illness costs from reduced ability to work and premature death of \$1.7 trillion.

•**NIH investments are small compared to economic costs of illness.** NIH-funded medical advances are central to lowering the huge economic costs of illness. The NIH is fighting this \$3 trillion battle with a budget of just \$16 billion, or less than one percent of annual illness costs.

•**Reducing the direct costs of illness.** Past advances have dramatically reduced health care costs for such illnesses as tuberculosis, polio, peptic ulcers, and schizophrenia. Future advances hold great promise of further reducing costs, such as with drug treatments that decrease hospital stays and invasive surgeries. One study found that, on average, a \$1 increase in drug expenditures reduces hospital expenditures by about \$3.65.

•**Reducing the indirect costs of illness.** Medical advances also cut illness costs by reducing lost economic output from disability and premature death. For example, new treatments for AIDS - some developed with funding from the NIH - caused the mortality rate from AIDS to drop over 60 percent in the mid-1990s, thus allowing tens of thousands of Americans to continue contributing to our society and economy.

Illness and the Value of Life

•**The value of life.** Most Americans value their life and health very highly. By extending life and improving health, medical research generates great value to us all, in addition to its role in lowering the economic costs of illness.

•**Longevity is worth trillions of dollars.** U.S. longevity has increased as the overall U.S. death rate has dropped by one-third since 1970. A recent study found that these longevity increases have created net "value of life" gains to Americans of about \$2.4 trillion every year. Such estimates place a value on a year of life based on the typical person's "willingness to pay" to avoid various safety risks.

•**High returns from NIH-funded research.** A portion of the \$2.4 trillion in annual longevity gains stem from medical research, and NIH-funded research in particular. If just 10 percent of the value of longevity increases (\$240 billion) resulted from NIH-funded research, it indicates a payoff of about 15 times the annual NIH investment of \$16 billion.

•**Cardiovascular disease.** Advances against the biggest killer of Americans, cardiovascular disease, illustrate the benefits of medical research. The death rate from cardiovascular disease has fallen by more than 50 percent since 1970. About one-third of the decline is the result of advances in medical technology, according to a recent study.

The NIH's Role is More Important Than Ever

•**Cost of illness threatens to rise.** The costs of illness may grow higher if we fail to push ahead with further research. Infectious diseases, in particular, are continually creating new health costs. The recent emergence of Lyme disease, *E. coli*, and hantavirus, for example, show how nature continues to evolve new threats to health. In addition, dangerous bacteria are evolving at an alarming rate and grow resistant to every new round of antibiotics.

•**The NIH agenda.** NIH-funded research is creating progress in many exciting areas, such as the understanding of Alzheimer's disease and other brain illnesses; better treatment of spinal cord injuries; and greater knowledge of the mechanisms that cause cancer. The human genome project, supported by NIH, holds the prospect of far-reaching advances in gene therapy to treat many illnesses.

The Financial Management and Investment Strategies of the AAI

Finances of any business or not-for-profit organization can be mystifying and confusing; the financial management of the AAI is probably equally baffling. With recent news articles revealing embezzlement and fraud within well-know organizations, AAI members may wonder about the accountability of their association's expenses and investments. This article will attempt to assure members by describing AAI's governance structure; the annual budget process; major financial activities; the established checks and balances; and finally, touch on AAI's approach to investments.

AAI's Financial Officers and Committees

The Secretary-Treasurer (Donald Capra) and the Executive Director (Michele Hogan) are the AAI's fiscal officers. The secretary-treasurer is elected by the membership and serves as a voting member of the AAI Council. In the 87 year history of AAI, there have been only 12 secretary-treasurers as many served several consecutive terms. Under current by-laws, a

secretary-treasurer can now only serve two, three year terms. The secretary-treasurer's responsibilities include serving as the chair of the Finance Committee and, as such, he or she is charged with overseeing the fiscal integrity of the AAI in concert with the executive director.

The executive director is hired by, and responsible to, the AAI Council. With the assistance of a professional business manager (Tim Markwood), the executive director oversees daily financial activities; receives, negotiates and signs contracts; and prepares budgets. These activities are carried out and accounted for by methods that meet current standards of good practice. The executive director is an *ex officio* (non-voting) member of the Council.

Both the executive director and the secretary-treasurer are responsible to the Council and the membership for accurate disclosure of financial activities.

The AAI Finance Committee is comprised of three elected and three appointed members who serve staggered three year terms; the committee is chaired by the secretary-treasurer. The executive director and the chair of the Publications Committee serve as *ex officio* members. The committee is charged with annually reviewing the AAI and *The Journal of Immunology (JI)* proposed budgets; making recommendations to the Council regarding budgets, reserve funds and investment strategies; and advising the Council on revenues and expenditures for any special activities. The Finance Committee meets quarterly by teleconference to review budgets and develop policy, and may schedule special meetings as needed.

The Publications Committee is comprised of eight members (half elected and half appointed) of whom one is the Chair (James Forman). The Editor-in-Chief (Frank Fitch) and the executive director are *ex officio* members of the committee. Among the duties of this committee is a detailed annual review of the *JI* budget with recommendations for Council.

Financial Activities

The AAI business manager carries out the day-to-day transactions and monitors the financial activities of the Association including the financial issues of the *JI*. Although the *JI* is owned and published by the AAI, there is a separate general ledger for each. Transactions include cash receipt deposits, bill payments, administrative issues, and account reconciliation. All activities are recorded in a computerized accounting system.

The business manager reviews financial activities with the executive director and addresses any issues that may arise. At month-end an income and expense statement is produced summarizing the financial activities, and comparing actual activity to the estimated budget. Any large variances are reviewed in detail. These monthly statements are reviewed by the executive director, the secretary-treasurer, the vice-president, the editor-in-chief, and the chair of the Publications

"Financial Management" continued on page 4

Committee. The Finance Committee then reviews quarterly statements. The secretary-treasurer presents these reports to the Council at the Fall and Spring Council meetings for review and approval.

It is important to note that the AAI has a yearly audit performed by an independent Certified Public Accounting firm. This audit assesses how the activities are accounted, flags any discrepancies, and suggests any improvements that may enhance the accountability and documentation of operations.

Annual Budgetary Process

Creating annual budgets for the AAI and *JJ* is a multi-step process. The preliminary work and collection of financial information that goes into the next year’s budget starts in the late summer of the previous year. Current and past years’ activities are taken into consideration when constructing future budgets. Forecasts of outside financial influences such as the status of the NIH budget, unique technologies that may affect *JJ* production costs or subscription sales, sharp increases in service or supply costs, and predicted annual meeting attendance (to name a few) must be carefully considered. AAI committees are asked to provide proposals for activities they may undertake that will incur expenses for the next year. Once the initial financial information is received and reviewed, a draft budget is produced by the Fall.

The draft *JJ* budget is first reviewed by the Publications Committee. Following, the Finance Committee reviews both the *JJ* and the AAI budgets and provides a recommendation to the AAI Council for their review and approval at the Fall Council meeting. At the end of each fiscal year once the financials have been audited, a decision is made concerning excess funds in the operating budget. In general, we attempt to transfer about half of any excess funds from the operating budget to investments. This provides a steady increase in our investments and provides a cushion for any possible deficits in the future.

Investments

The AAI and the *JJ* investment policy has changed considerably over the years. For many years we had no “reserves”. In the 1980’s a Reserve Fund was maintained in the equivalent of a regular bank account. Later, a money market was established. About six years ago AAI began to take advantage of the equities market with investments in a balanced portfolio. Investment strategies are developed and approved in a similar check-and-balance system as budget development, that is, cooperatively by the Finance Committee, secretary-treasurer, business manager, executive director and Council. Decisions are made after much consideration including expert opinions from outside consultants. While no investment decision is ever made unanimously as all of us have different investment styles, decisions are made by consensus. The Finance Committee recently developed an “investment philosophy” which has been approved by Council. Our funds are distributed as follows:

25% is invested in a bond fund and 75% is in the equity market: half in a large cap no load growth fund and half in a large cap no load value fund. We felt this was a responsible mix of investment vehicles that would ensure growth and take advantage of a strong market but at minimal risk.

Hopefully this article helped explain the financial oversight and operations of the AAI. We also hope we have assured our members of the deliberate process of checks and balances we have put in place to safeguard their association’s funds from any potential misuse or error in judgement.

We encourage all members to attend the annual business meeting where the financial information of the AAI and *The JJ* is discussed and members can ask questions.

The AAI and *JJ* are financially sound and we hope to continue to parlay our achievements into more services to our members.

Respectfully submitted,

J. Donald Capra, M.D. W. Timothy Markwood, CPA
Secretary-Treasurer Business Manager

M. Michele Hogan, Ph.D.
Executive Director

THE SANDLER PROGRAM FOR ASTHMA RESEARCH

The Sandler Program for Asthma Research seeks to support excellent bench investigators from outside the field of asthma. This reflects our goal to support innovative approaches to the study of asthma. You are encouraged to apply. The application is streamlined, with a fast turnaround time. Because we seek to attract investigators from outside the field, we do not require prior studies regarding asthma. We do require excellence, innovation, and relevance to asthma. Applications are due February 15, 2001 for funding July 1, 2001.

Two categories of investigators will be sponsored:

Senior Investigators: \$250,000/year for three years

Junior Investigators: \$125,000/year for three years

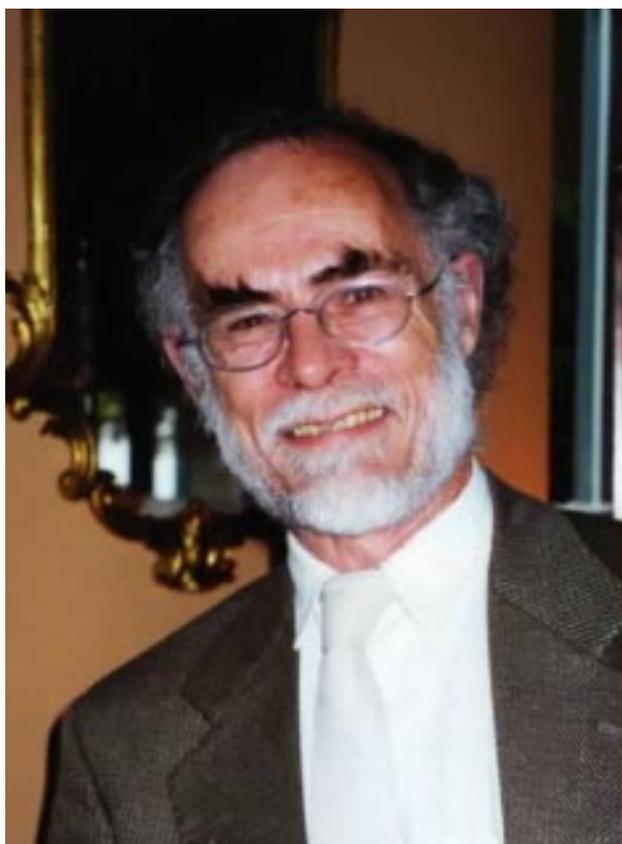
For further information contact Mee Mee Wong at (415) 514-0730, go to the Sandler Program for Asthma Research web site at www.sandlerresearch.org.

Immunology 2000 Revisited



AAI's first annual meeting of the new millennium, *Immunology 2000*, proved to be a very successful one. The meeting was brimming with interesting speakers, stimulating science, and a number social events. AAI would like to acknowledge and thank the tireless efforts of the Program Committee Chair, Lewis Lanier, as well as the entire Program Committee and Block Chairs for the wonderful job they did planning *Immunology 2000*.

The following pages contain photographic memories of the meeting, as well as summaries of various special symposia.



In 2001, AAI will once again join with six other FASEB societies to present EB 2001. The meeting is March 31 - April 4, 2001, in sunny Orlando, FL. AAI will be featuring distinguished lectures from Pamela Bjorkman, Antonio Lanzavecchia, and Rafi Ahmed. Of course, we will have the opening night address by AAI President Philippa Marrack, and the Presidential Symposium later in the week. To see the most up-to-date program, go to AAI's web site at www.aai.org.

See you in Orlando!

The AAI annual business meeting was held Sunday, May 14, 2000 at Immunology 2000 in Seattle, WA. Following are the minutes from that meeting.

Proceedings of the 2000 AAI Business Meeting

President's Report - Roger Perlmutter

AAI President Roger Perlmutter called the meeting to order and welcomed everyone to *Immunology 2000*. He addressed the overall state of affairs of the AAI saying the association is in very good shape. He then reviewed AAI's fundamental goals:

- Publish *The JI*
- Maintain and continue our public affairs program
- Develop a healthy financial portfolio
 - the current financial situation is better than any in past history
 - there are sufficient reserves to guarantee running the AAI and *The JI* for at least one year
- Take on additional financial initiatives to enhance the reach of the AAI
 - offer new travel awards to attend the annual meetings
 - provide additional educational opportunities for undergraduates

Executive Director's Report - M. Michele Hogan

AAI Executive Director Michele Hogan reiterated the fact that the association is financially sound and well situated administratively to serve the membership. She also stated that the association has been very busy in promoting the needs of the AAI membership via attending congressional meetings, working closely with NIH, attending consortium policy forums, etc.

Dr. Hogan requested a moment of silence for the deceased members (see page 9), then she made the following announcements:

2000 Award Winners

Past President:	Jonathan Sprent
AAI Lifetime Achievement:	Max D. Cooper
Councillors Award:	Ernest Chun-Ming Huang
Excellence in Mentoring:	Michael J. Bevan
AAI Public Service Award:	Anthony S. Fauci
AAI-Huang Foundation	Anjana Rao
Meritorious Career:	
AAI-PharMingen	Gary A. Koretzky
Investigator Award:	

Election Results:

President:	Philippa Marrack, Ph.D.
Vice President:	James P. Allison, Ph.D.
Secretary-Treasurer:	J. Donald Capra, M.D.
Councillor:	Paul M. Allen, Ph.D.

Special Note: AAI member Robert Rich, M.D., has been elected as president of FASEB. His term will begin July 1, 2001.

•Membership Report

The Millennium Membership campaign has been very successful. AAI is averaging 200 new members per quarter. From Oct. 99-Dec. 99, 177 new applications were reviewed and accepted. The sources of new applications were:

2000 Call for Papers	3
2000 Annual Renewal Letter	12
AAI Homepage	68
AAI Newsletter	9
1999 Advanced Course	2
<i>The Journal of Immunology</i>	4
Solicitation of <i>Ji</i> Authors & Reviewers	21
Millennium Membership Campaign	30
AAI Office	9
Membership Reinstatement	1
Other	19

From Jan. 2000-Mar. 2000 119 new applications were reviewed and accepted. The sources of new applications were:

2000 Annual Renewal Letter	7
AAI Homepage	50
AAI Newsletter	27
Solicitation of <i>Ji</i> Authors & Reviewers	16
Millennium Membership Campaign	17
Other	2

New student applications (Nov. 99 - Apr. 00) 221

Emeritus membership is increasing by an average of 50 members per year. This number will increase as the baby boomer generation ages and retires.

Emeritus Members	
Spring 1999	335
Spring 2000	381

2000 Honorary Members (see page 8)

- Immunology 2000 Meeting Sponsors

Secretary-Treasurer's Report - J. Donald Capra

AAI Secretary Treasurer J. Don Capra presented the financial reports of the AAI and *Ji*. Both are in good financial condition. Capra reviewed the responsibilities of the financial committee:

- Develop the AAI and *The JI* budgets; monitor these budgets on a monthly and quarterly basis
- Monitor and devise strategies for investments. Restructuring the reinvestments was the primary charge of the committee this year. The reserves are to be placed into two equity funds and a layered bond portfolio.

(See page 7 for *Ji* and AAI 1999 budget information)

"Business Meeting" continued on page 8

**AMERICAN ASSOCIATION OF IMMUNOLOGISTS
STATEMENT OF REVENUES AND EXPENSES
1999 (SUMMARY)**

05/13/2000

	<u>1999 BUDGET</u>	<u>1999 ACTUAL *</u>	<u>1998 ACTUAL</u>
INCOME:			
MEMBERSHIP DUES	585,647	548,737	539,162
TOTAL ANNUAL MEETING INCOME	214,664	316,932	279,804
TOTAL OTHER INCOME	<u>360,908</u>	<u>420,737</u>	<u>346,164</u>
TOTAL INCOME	<u>1,161,219</u>	<u>1,286,406</u>	<u>1,165,130</u>
EXPENSES:			
TOTAL MEMBERSHIP AND COMMITTEES	228,675	219,973	191,552
TOTAL OTHER EXPENSES	<u>913,393</u>	<u>857,923</u>	<u>827,881</u>
TOTAL EXPENSES	<u>1,142,068</u>	<u>1,077,896</u>	<u>1,019,433</u>
NET INCOME	<u>19,151</u>	<u>208,510</u>	<u>145,697</u>

* - 1999 ACTUAL ARE UNAUDITED. ONCE 1999 AUDIT HAS TAKEN PLACE, AMOUNTS WILL BE UPDATED

American Association of Immunologists Statement of Revenues and Expenses 1999 (Summary)

**THE JOURNAL OF IMMUNOLOGY
STATEMENT OF REVENUES AND EXPENSES
1999 (SUMMARY)**

05/13/2000

	<u>1999 BUDGET</u>	<u>1999 ACTUAL *</u>	<u>1998 ACTUAL</u>
INCOME:			
SUBSCRIPTION INCOME:	\$2,293,694	\$2,125,000	\$2,091,646
OTHER SALES INCOME	<u>2,346,400</u>	<u>2,522,588</u>	<u>2,258,083</u>
TOTAL SALES INCOME	4,640,094	4,647,588	4,349,729
OTHER INCOME	<u>40,000</u>	<u>38,675</u>	<u>32,579</u>
TOTAL INCOME -	4,680,094	4,686,263	4,382,308
EXPENSES:			
JOURNAL EXPENSES	3,355,090	3,113,086	3,033,968
ADMINISTRATIVE EXPENSES:	<u>1,313,280</u>	<u>1,137,426</u>	<u>1,137,292</u>
TOTAL EXPENSES -	<u>4,668,370</u>	<u>4,250,512</u>	<u>4,171,260</u>
NET INCOME -	<u>\$11,724</u>	<u>\$435,752</u>	<u>\$211,048</u>

* - 1999 ACTUAL ARE UNAUDITED. ONCE 1999 AUDIT HAS TAKEN PLACE, AMOUNTS WILL BE UPDATE

The Journal of Immunology Statement of Revenues and Expenses 1999 (Summary)

AAI Honorary Members

G.I. Abelev
Gordon L. Ada
Brigitte Askonas
Walter Bodmer
Boris D. Brondz
K. Theodore Brunner
M. Ruiz Castaneda
R.R. Coombs
Suzanne Cory
Michael Crumpton
Jean Dausset
Astrid Fagraeus
James L. Gowans
Rune Grubb
Tasuku Honjo
Tadamitsu Kishimoto
George Klein
Jan Klein
Kevin Lafferty
Olli Makela
Bernard Malissen
Andrew McMichael
Fritz Melchers
Donald Metcalf
J F A P Miller
Cesar Milstein
N. Avrion Mitchison
Goran Moller
Jacob B. Natvig
Gustav J.V. Nossal
Benvenuto Pernis
Klaus Rajewsky
Michael Sela
Ken B. Shortman
Morton Simonsen
Jaroslav Sterzl
Tomio Tada
Tadatsugu Taniguchi
Susumu Tonegawa
J.J. Van Rood
Harold Von Boehmer
Jan G. Waldenstorm
Otto Westphal
Hans Wigzell
Rolf M Zinkernagel

“Business Meeting” continued from page 6

Editor-in-Chief’s Report - Frank Fitch

(Presented by Dr. Hogan for Dr. Fitch)

- The JI* published a total of 13,835 text pages during 1999 (Vols. 162 and 163).
- 1999: 3626 manuscripts were submitted to *The JI*, 1736 were accepted equaling an acceptance rate of 48%. The average manuscript length was 7.97 pages.
- 1999: 387 manuscripts were submitted to *The Cutting Edge*, 98 were accepted equaling an acceptance rate of 25%.
- The accept-to-print times of *The JI* have been reduced over the past 1½ years, as exhibited by the following figures:

Date	Average	Minimum	Maximum
7/98	122	117	138
4/99	90	78	112
7/99	77	66	85
4/00	72	61	100

•**Acceptance/Rejection Rates** (Manuscripts)

Accepted	1%
Accepted with minor revisions	13%
Returned for revisions	38%
Rejected entirely	48%
Average turnaround time	53 days

•**Authorship percentages:**

	Vol. 163	Vol. 164
U.S. authors	57%	60%
Foreign	43%	40%

Japan, United Kingdom, France and Germany have the most number of foreign submitted manuscripts.

- The impact factor of *The JI* has gone up, while the ranking has gone down slightly. In 1997 the impact factor was 6.937 and the ranking was 7, while in 1998 the impact factor was 7.166, but the ranking was 8.
- The Electronic version of *The JI* is only being accessed by an average of 50% of the members and subscribers.
- New Section and Associate editors were introduced (see page 9).

Director of Public Affairs Report - Pat White

Director of Public Affairs Pat White reviewed the following:

- Spending breakdown of the NIH FY 2000 Budget (\$17,813 million). Research project grants totaled \$10,293. The total increase to the FY 2000 budget was \$2,180 million, and an increase of \$1,324 million to the research grants projects.
- NIH Research Program Grants budget for FYs 1998 - 2001.
- Since 1998 Congress has continued to overspend the budget despite the 1997 Balanced Budget Act.

New *J* Editorial Appointments

Section Editors

Jack Bennink	Nicholas Lukacs
Leslie Berg	Francis Luscsinkas
Fred Heinzl	Mark Mamula
Kris Hogquist	Elizabeth Mellins
Dwight Kono	Howard Petrie
Edith Lord	

Associate Editors

Beverly Barton	Chandra Mohan
Wendy Brown	Thalachallor Mohanakumar
Daniel Carr	Anne Nicholson
Russell Delude	Suzanne Ostrand-Rosenberg
Patricia Detmers	Eric Pamer
Denise Doolan	Paul Parren
Terry DuClos	Nilofer Qureshi
Robert Fairchild	Maryann Robinson
Jay Farrell	Milton Rossman
Gary Firestein	Nora Sarvetnick
Kohtaro Fujihashi	Mohamed Sayegh
Douglas Golenbock	Robert Schlegel
Joan Goverman	Michael Smith
Martin Hemler	Herman Staats
Hiromasa Inoue	Mary Stevenson
Steve Jameson	Stephen Stohlman
Samia Khoury	Laura Stunz
Dennis Klinman	Matthias von Herrath
Michael Krangel	William Wade
Fadi Lakkis	Gerry Waneck
Thomas Lane	Brice Weinberg
David Lo	Gillian Wu
Janet Maryanski	Thomas Wynn
Matthew Mescher	Jon Yewdell
Joseph Mizgerd	

1999 - 2000 DECEASED MEMBERS

Elmer Becker, M.D., Ph.D. Cleveland, OH	Elliott Middleton, Jr., M.D. Chebeague Island, ME
David Finbloom, M.D. Bethesda, MD	John E. Salvaggio, M.D. New Orleans, LA
Janis Giorgi, Ph.D. Los Angeles, CA	Donald Shreffler, Ph.D. St. Louis, MO
Monte Hobbs, Ph.D. Ann Arbor, MI	Matthew L. Thomas, Ph.D. St. Louis, MO
Calderon Howe, M.D. Newport, RI	Mona Vachula, Ph.D. Round Lake, IL
Andrew Lazarvits, M.D. Ontario, Canada	

•CBO Surplus Projection through the FY 2010. Surplus for FY 2000 is \$176 billion, and by FY 2010 is expected to reach \$489 billion.

•Federal spending programs 1962-2001 - percentage spent on defense has declined over the years, while spending on total mandatory costs has risen, and domestic spending has remained consistent.

•Current and projected rate of doubling the NIH budget - currently on pace for doubling the budget. However, the President's FY 2001 budget predicts a falling off from the predicted goal of doubling the budget by the year 2003.

An awards presentation immediately followed the business meeting. The following awards were presented:

AAI Excellence in Mentoring Award	Michael J. Bevan
Pfizer-Showell Travel Awards	Christopher L. Kepley Chandra Mohan Mark H. Kaplan
AAI-Huang Foundation Trainee Achievement Awards	Xin Dong Viktor Lakics Todd A. Fehniger Huub Kreuwel Adam Elhofy

BURROUGHS WELLCOME FUND VISITING PROFESSORSHIPS IN THE BASIC MEDICAL SCIENCES 2001-02 AWARD SERIES
(This Visiting Professorships Series Will Be the Final One)

The Federation of American Societies for Experimental Biology invites nominations from U.S. medical schools, universities and other nonprofit scientific research institutions for BURROUGHS WELLCOME FUND VISITING PROFESSORSHIPS IN THE BASIC MEDICAL SCIENCES. BWF encourages institutions to nominate women and members of minority groups that are underrepresented in the sciences. Individuals cannot apply for this program.

Sponsored by the Burroughs Wellcome Fund

For application procedures and information, contact Rose P. Grimm, Executive Office, Federation of American Societies for Experimental Biology, 9650 Rockville Pike, Bethesda, MD 20814-3998.

Phone: (301) 530-7090 Fax: (301) 530-7049
E-mail: rgrimm@faseb.org

**DEADLINE FOR INSTITUTIONS TO APPLY
MARCH 1, 2001**

AAI Education Committee's Symposium and Poster Session: "So You Want to Work with Undergraduates?"

By: Judith Owen, Ph.D., Haverford College, and Jill Manske, Ph.D., University of St. Thomas

On Saturday May 13th, the AAI Education Committee hosted an inaugural symposium and poster session devoted to the support of research and teaching by immunologists working in primarily undergraduate institutions (PUIs). The sessions derived their impetus from the interest shown by graduate students and postdoctoral fellows in the training, experience and personal qualities which will best prepare them for a PUI faculty position. In responding to such inquiries, Education Committee members Jill Manske and Judy Owen sensed an increasing need for our association to demonstrate its support for immunologists seeking to perform high quality research while working to prepare the next generation of professional scientists and clinicians.

More than 70 meeting participants attended the morning panel symposium, "So You Want to Work with Undergraduates?". The session was chaired by Judy Owen. The panel members, selected to represent a range of colleges, were Linda Foote (Merrimack College, MA), Richard Goldsby (Amherst College, MA) and Jill Manske. Each panelist gave a 10-15 minute presentation touching on the qualifications necessary for working in the presenter's institution, criteria for tenure and promotion, range of remuneration, sources of internal and external funding for research and curricular development, and the advantages and disadvantages of working exclusively with students at this level. Since the four institutions represented by the panelists are, in fact, quite different from one another, the presenters highlighted the institution-specific similarities and differences in teaching loads, research expectations, etc.

A lively question and answer session followed the presentation. The audience included PUI faculty (both junior and senior, as well as administrators), postdoctoral fellows interested in obtaining positions at such institutions, and graduate students hoping to retain maximum flexibility when applying later for faculty positions. Questions ranged from the practical (textbook choices, workable laboratory experiments, granting agencies receptive to applicants from PUIs) to the more broadly-based questions (frequencies of leaves, rewards and hazards of working exclusively with students at this level). Interest was so strong that informal discussions continued long after the end of the session.

A common theme that emerged from the session was the sense of isolation which has long been felt by many AAI members working at PUIs. Frequent expressions of appreciation were addressed to the Education Committee for hosting this session. Indeed, several participants spoke of having rescinded

AAI membership in favor of other societies which more effectively take into account the needs and contributions of their PUI faculty and students. This theme was echoed by students and postdoctoral fellows who, in general did not feel supported by their research mentors if they indicated an interest in working primarily with undergraduates. The need for AAI to include and integrate PUI faculty and students more completely was expressed by many session attendees. However, several spoke out against having separate poster sessions for undergraduate presenters, preferring instead to continue the current practice of providing particularly talented students with the opportunity to hone their presentation and oral skills in the context of the regular scientific sessions.

Several session attendees requested that the AAI Education Committee web site be extended to include information for faculty and students at PUIs. Requested information included links to sites with lab manuals, syllabi, textbooks, advice and hints on obtaining external funding, etc. The web site is currently being updated to address these concerns.

The poster presentations made included specific laboratory exercises, approaches to research-based laboratories, case-based instruction, and relevant computer tutorials. The poster session was lively with many discussions carrying over from the prior panel session. Several participants requested that future AAI meetings include the opportunity for formal oral presentations as well as posters on topics related to undergraduate pedagogy.

The Education Committee will again be presenting this symposium and poster session at *EB 2001*. For complete details please check the AAI web site at www.aai.org.



One of the many discussions at the poster sessions



AAI President Roger Perlmutter presents Anthony Fauci with the Public Service Award



AAI President Roger Perlmutter presents Ernest (Ernie) Huang with the Councillors Award



Michael Bevan, recipient of the AAI Excellence in Mentoring Award, David Raulet, and Roger Perlmutter



Roger Perlmutter, AAI Executive Director Michele Hogan, AAI-PharMingen Investigator Award recipient Gary A. Koretzky, and Kip Miller, Sr. V.P., BD Biosciences



Max Cooper receives the AAI Lifetime Achievement Award from Roger Perlmutter



Roger Perlmutter presents Jonathan Sprent with the Past President's Award



Roger Perlmutter, Ernie Huang, AAI-Huang Foundation Meritorious Career recipient Anjana Rao, and Michele Hogan



Michele Hogan with the recipients of the Pfizer-Showell Travel Awards



Michele Hogan, Ernie Huang (far right) and the recipients of the AAI-Huang Foundation Trainee Awards



Roger Perlmutter receives a gift of time - a "backwards" running clock!



Roger Perlmutter enjoys his guests at the President's Reception

Roger Perlmutter (2nd from right) with the Presidential Symposium speakers: Fred Alt, Gerald Siu, Brian Seed, and Mark Davis

Status of Women Committee's Symposium "Gender, genes and autoimmunity"

By: Anne M. O'Rourke, Ph.D., Department of Immunology,
The Scripps Research Institute

This year at the AAI's annual meeting in Seattle, May 12-16, the Committee on the Status of Women sponsored its ninth annual symposium: "Gender, genes and autoimmunity". The symposium was chaired by Dr. Paula Kavathas, and included presentations by four prominent speakers in the field of autoimmunity; Caroline C. Whitacre, Ph.D. (Ohio State University); Rhonda Voskuhl, M.D. (UCLA); J. Lee Nelson, M.D. (University of Washington, Seattle) and F. Susan Wong, M.D., Ph.D. (Yale School of Medicine). The symposium was well attended and generated lively question and answer sessions with each presentation.

The first presenter was Caroline Whitacre who gave an overview of the major issues associated with the prevalence of autoimmune (AI) diseases in women. One of the most striking statistics is that of the 8.5 million people in the U.S. afflicted with AI diseases, 6.7 million are female. The degree of gender bias varies with individual AI diseases. For example, 90% of systemic lupus erythematosus (SLE) patients are female, while in multiple sclerosis (MS) this is 60-70%, and rheumatoid arthritis 65%. Despite intense, active research, the reasons for such differences remain unclear, but may be due to influences on the immune system by sex hormones such as estrogens, genetic differences (X or Y chromosome-encoded factors), or to neural/endocrine influences.

Pregnancy, oral contraceptive use, menopause and hormone replacement therapy all represent naturally-occurring or induced alterations in female sex hormones that provide an opportunity to examine their role in AI diseases. For example, fewer relapses in MS are seen throughout pregnancy, especially in the third trimester when progesterone and estrogens increase. The level of both hormones drop precipitously upon delivery, however, and this fall is associated with an increase in MS relapse rate. Pregnancy, then, appears to be an immunosuppressive state, and one suggestion has been that pregnancy is accompanied by a shift from pro-inflammatory Th1 responses (in the presence of low concentrations of estrogens or prolactin) to anti-inflammatory Th2 responses (when high estrogen, and progesterone).

Dr. Whitacre recently chaired a task force on Gender, Multiple Sclerosis and Autoimmunity, that recommended 5 lines of research that are of great importance if we are to understand the relationship between gender and AI disease. These were (a) sex differences in the immune response; (b) hormonal effects on the immune response; (c) hormonal fluctuations in pregnancy and AI diseases; (d) genetic factors controlling AI; and (e) clinical characteristics of sex differences in AI diseases. Their report provides more information on this subject¹.

Dr. J. Lee Nelson's presentation examined the female propensity for AI diseases from a quite different angle. It is known that fetal cells can traffic to the mother's blood during pregnancy, but surprisingly, many are still detectable in the mother's circulation many years after birth (at least 30 years), giving rise to "microchimerism". Some AI diseases share clinical similarities with chronic graft-versus host disease. Dr. Nelson, therefore, considered the possibility that long-term fetal microchimerism and HLA compatibility might be involved in maternal susceptibility to the AI disease scleroderma. The incidence of scleroderma is high in women in their 20's and 30's and peaks during 40-50 years of age. Dr. Nelson and colleagues examined the PBMC of women with sons, for the persistence of male cells. They found quantitatively much greater levels of male DNA in the women with scleroderma as compared with normal controls. Because AI diseases are not restricted to parous women, other sources of non-host cells may be from the mother to fetus *in utero*, via a twin or as a consequence of blood transfusion. Interestingly, this raises the possibility that microchimerism may be harbored across three generations.

Dr. Rhonda Voskuhl's presentation focused on experimental autoimmune encephalomyelitis (EAE), a mouse model for MS. Like MS, EAE is a relapsing-remitting demyelinating disease induced by CD4⁺ cells specific for myelin basic protein peptides. Dr. Voskuhl summarized some of her labs' work to determine whether gender differences were most important at the induction (generation of encephalitogenic T cells) or effector (neurodestructive) phase in adoptive transfer EAE models. They found that T cells from female mice were more encephalitogenic than those derived from male mice, due in large part to their ability to make more IL-12 following antigen stimulation. A causal relationship was established by showing that male T cells treated with IL-12 had an increased ability to transfer disease. Interestingly, they also found that female mice were more susceptible than males to the destructive effector phase of disease, and that this might correlate with an increase in the protective cytokine IL-10 in males. Estriol (E3) administration of recipients receiving transferred cells was found to increase T cell-derived IL-10 and could ameliorate the disease after onset. This type of data supports the possibility that estrogens may be useful in clinical management of MS.

The final presenter was Dr. Susan Wong, who discussed her work with the NOD mouse model of diabetes mellitus. In this model, both CD4⁺ and CD8⁺ T cells are involved in recognition of auto-antigens and are responsible for destruction of insulin-producing beta cells. In the NOD mice periinsulinitis can be observed by about 4 weeks of age and diabetes is present in most animals by about 12 weeks of age. Interestingly, although there is a gender bias in the NOD model, with females more susceptible and having an earlier onset than males, this sex difference does not appear to exist in humans. Administration of androgens to female NOD mice does lower disease incidence, while castration of males increases the incidence of disease, suggesting a protective role for androgens in the NOD

"Gender, genes and autoimmunity" continued on page 14

“Gender, genes and autoimmunity” continued from page 13

mouse model. In both humans and mice there exists a strong genetic influence on the development of type 1 diabetes. The class II molecules I-A^{g7} (NOD mice) and HLA-DQ8 (humans) are the most important susceptibility factors for disease. Dr. Wong described a new “human/mouse model” of diabetes that is murine class II⁰, HLA-DQ8⁺ mice on a B6 background. The animals develop spontaneous diabetes when the T cell costimulatory molecule B7-1 is expressed on pancreatic beta cells. Interestingly, these mice did not show a gender bias, indicating the role of genetics.

¹Whitacre, C.C., Reingold, S. C., O’Looney, P. A. “A gender gap in autoimmunity.” *Science* (1999) 283, 1277-1278; www.sciencemag.org/feature/data/983519.shl



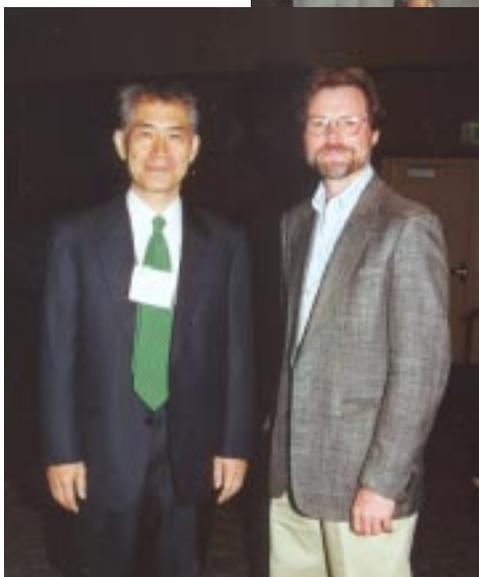
Richard Locksley and Phil Scott enjoying the Gala



The Huang Family



From L-R: AAI President Roger Perlmutter, Ernie Huang, AAI Executive Director Michele Hogan, Distinguished Lecturer Rolf Zinkernagel, and AAI Program Committee Chair Lewis Lanier



Distinguished Lecturer Tasuku Honjo and Program Committee Chair Lewis Lanier



AAI Vice-President Pippa Marrack

THE FORTIETH MIDWINTER CONFERENCE OF IMMUNOLOGISTS

January 27-30, 2001
Asilomar Conference Center
Pacific Grove, California

Immune System Development and Function

Session I: Apoptosis in Immune and Non-immune cells: *to die or not to die*

Session II: Co-stimulation: *how many second signals?*

Session III: Immune Recognition and Signaling: *views through the looking glass*

Session IV: Structure and Recognition of Non-classical MHC

Session V: Development of the Immune System: *factors determining the fate of a lymphocyte*

Chairs:

Lewis L. Lanier, Ph.D.

UCSF

Ellen Robey, Ph.D.

UC - Berkeley

Conference registration is limited to 650 attendees. Registration deadline is Monday, **November 13, 2000**. Program and reservation packets will be available in September from the registrar:

Ms. Lyn Buchanan

P.O. Box 221

Mineola, TX 75773

Telephone: (903) 569-5503

Email: lyntex221@aol.com

Web: www.midwconfimmunol.org

Members in the News

Richard S. Kalish, M.D., Ph.D., Receives National Alopecia Areata Foundation Award

AAI member Richard S. Kalish, M.D., Ph.D., has been awarded The National Alopecia Areata Foundation Award to study the "Molecular Basis of Alopecia Areata." Dr. Kalish, an associate professor at SUNY at Stony Brook Health Science Center, along with Amos Gilhar, M.D., of The Technion-Israel Institute of Technology, Haifa, Israel have demonstrated that alopecia areata is caused by T-lymphocytes that attack hair follicles. They will now try to find the specific protein that activates these T cells to launch the attack and cause baldness. Dr. Kalish has been an AAI member since 1986.

George W. Santos, M.D., and Robert A. Good, M.D., Ph.D., Honored at the ASBMT Annual Meeting

George W. Santos, M.D., received the Lifetime Achievement Award from the American Society for Blood and Marrow Transplantation (ASBMT). The award was presented at the ASBMT annual meeting in Anaheim, CA. Dr. Santos founded the Johns Hopkins Bone Marrow Transplantation Program in 1968. Dr. Santos' early career research was important in understanding transplantation immunology, graft-versus-host disease and tolerance. Dr. Santos became an AAI member in 1966 and is now an Emeritus member.

Robert A. Good presented the E. Donnall Thomas Lecture at the ASBMT annual meeting. Dr. Good is a professor of pediatrics and Distinguished Research Professor at the University of South Florida College of Medicine, and is the physician-in-chief at All Children's Hospital in St. Petersburg. In 1960, Dr. Good discovered the function of the thymus in immunological development, and in 1968 performed the first successful allogeneic bone marrow transplant. Dr. Good has been an AAI member since 1957.

D. Michael Strong, Ph.D., Receives Lifetime Achievement Award from America's Blood Centers

D. Michael Strong, Ph.D., operations director for the Puget Sound Blood Center and research professor at the University of Washington, was recently honored with the Thomas F. Zuck Lifetime Achievement Award from America's Blood Centers (ABC). Dr. Strong received the award at ABC's annual meeting this past February in Orlando, FL. The award was presented to Dr. Strong and Sally Caglioti of Blood Systems, Inc., for their work in implementing nucleic acid amplification technology

(NAT) testing. NAT uses a new form of testing technology to improve the safety of the blood supply through screening that directly detects the genetic material of viruses like hepatitis C (HCV) and HIV.

Dr. Strong received his Ph.D. from The Medical College of Wisconsin. He then joined the Navy and went on to serve as the director of transplantation research for the Naval Medical Research Institute, and also served as director of histocompatibility laboratories for the Army/Navy Transplant program. In 1988 he joined the Puget Sound Blood Center, and was named director of operations in 1994. Dr. Strong has been an AAI member since 1977.

Julie E. Fischer, Ph.D., Selected as a 2000-01 AAAS Congressional Fellow

Julie E. Fischer, Ph.D., has been selected by the American Association for the Advancement of Science as a 2000-01 AAAS Congressional Fellow. She and 100 other fellows will meet in September in Washington D.C. for a one-year public policy fellowship. Fischer is a senior research fellow in the department of Medicine, Allergy and Infectious Diseases at the University of Washington, Seattle. She has been an AAI student member since 1999.

AAAS sponsors 10 public policy fellowship programs for scientists and engineers. The fellowships are for postdoctoral to mid-career scientists and engineers to participate in and contribute to the public policymaking process of the federal government. AAAS is currently accepting applications for the 2001-2002 Fellowship Program. For further information on the program visit the AAAS website at www.fellowships.aaas.org.

AAI is interested in the achievements of its membership. Please let us know if you have recently received an honor or award, been elected as a member to a prominent society, or have conducted media interviews. Send the information, with a short biography and photo (and a copy of the article/tape for media interviews) to:

Members in the News
American Association of Immunologists
9650 Rockville Pike
Bethesda, MD 20814
Email: comley@aai.faseb.org

AAI Topic Categories for Abstract Submission

The following are the AAI topic categories for abstract submission to EB 2001. The abstract submission deadline is **Monday, November 6, 2000. Abstracts will only be accepted via electronic submission.** For additional information, please visit the AAI web site at www.aai.org, or the EB 2001 meeting site at www.faseb.org/meetings.

Hematopoiesis and Immune System Development	stem cell biology; cell cycle and mechanisms of proliferation; regulation of cellular development, differentiation, homeostasis (includes apoptosis); molecular basis of defects in immune system development: failed pathways and consequences (immune deficiencies); mechanisms/biology of immunological memory and aging; and other related
Immune System Regulation	signal pathways in immune cell development; regulation and activation, regulation and interventions of signal pathways in immune cells; mechanisms of co-stimulation and tolerance; soluble mediators of the immune system (excluding cytokines; including antibodies, complement, small peptides and chemoattractants); cell-cell interactions; effector cell processes; and other related
Genetic Regulation of the Immune System	MHC polymorphism in disease; MHC evolution; molecular aspects of repertoire formation (recombination, isotype switching, somatic mutation); transcriptional regulation of the immune system; and other related
Antigen Processing and Presentation	MHC structure, function and ligands; MH assembly and trafficking; peptide-MHC interaction; intracellular events in antigen processing; antigen presenting cells; and other related
Cytokines and Chemokines	receptors and signal transduction; gene regulation; regulators of immune cell development and function; receptors in vivo; role in health and disease; and other related
Cellular Adhesion, Migration and Inflammation	mediators of inflammation; leukocyte migration and tissue localization; adhesion molecules in cellular migration, inflammation and disease; inflammatory responses in health and disease; therapeutic modalities for inflammatory disease; and other related
Autoimmunity	immunopathogenic mechanisms/immunogenetics of autoimmunity; animal models of autoimmunity; immunotherapy for autoimmune disease; tolerance and autoimmunity; and other related
Immediate Hypersensitivity, Asthma and Allergic Responses	immunobiology of immediate hypersensitivity and allergic responses; IgE receptors and effector cells; cytokines and adhesion molecules in allergic inflammation; allergic disease and therapy; asthma: mechanisms of disease and intervention; and other related
Mucosal and Regional Immunology	protective mucosal immune responses; influences on mucosal immunity; mucosal tolerance and disease; role and regulation of IgA; immunology of pregnancy; immunologically privileged sites; and other related
Microbial and Viral Immunology	cellular responses to pathogens; immunopathogenesis of infection; immunotherapeutic strategies against pathogens; innate immunity against pathogens; mechanisms of host invasion, evasion and resistance (including HIV); and other related
Tumor Immunology and Immunotherapy	anti-tumor effector cells and regulation of tumor immunity; tumor-associated antigens; tumor-associated immunosuppression; mechanisms of tumor rejection and modulation of anti-tumor responses; immunotherapy of cancer; pathobiology of immune system malignancies; and other related
Transplantation Immunology	solid organ transplantation; cellular or bone marrow transplantation; graft-versus-host disease (GVHD); transplantation tolerance induction; mechanisms and prevention of graft rejection; and other related
Host Defense and Innate Immunity	host defense against parasitic and fungal infections; role of complement in innate immunity; development of innate immunity; complement, Fc receptors and acute phase proteins; and other related
Vaccine Development and Immune Based Therapies	
Immunology Education	John H. Wallace High School Teachers Program; K-12 Education Programs; undergraduate education strategies and programs; graduate education strategies; and other related

MEETING ANNOUNCEMENTS

SEPTEMBER

10-14 *Inflammatory Cytokines and Chemokines in the Context of Extracellular Matrix* will be held in Ma'ale Hachamisha, Israel. **Contact:** Dr. Ofer Lider, Dept. of Immunology, Weizmann Institute of Science, Rehovot 76100, Israel.
Phone: 972 8 934 2724 •Fax: 972 8 934 3657
Email: ofer.lider@weizmann.ac.il
Web: www.weizmann.ac.il/cyto/

11-18 *FEBS International Summer School on Immunology: The Immune System: Genes, Receptors and Regulation* will be held at the Ionian Village, West Coast of Peloponnes, Greece. The school is suitable for senior pre-doctoral and post-doctoral investigators in related fields. **Contact:** Dr. M. Papamichail, Center for Immunology, St. Savas Cancer Hospital, 171, Alexandras Ave., Athens, 11522 Greece.
Phone: 30 1 6430083 •Fax: 30 1 6409516/6420146
Email: papmail@Netor.gr

12-15 *12th International Genome Sequencing and Analysis Conference* will be held in Miami Beach, FL. **Contact:** TIGR, GSAC Office, 9712 Medical Center Dr., Rockville, MD 20850.
Phone: (301) 610-5959 •Fax: (301) 838-0229
Email: registration@tigr.org
www.tigr.org/cet/

12-16 *10th International Symposium on the Immunobiology of Proteins and Peptides* will be held in Tahoe City, CA. **Contact:** M. Zouhair Atassi, Ph.D., D.Sc., Dept. of Biochemistry, Baylor College of Medicine, One Baylor Plaza, Houston, TX 77030.
Phone: (713) 798-6050 •Fax: (713) 798-6437
Email: matassi@bcm.tmc.edu
Web: www.immunobiology.org

14-15 *Intensive Review Course in Clinical Tropical Medicine and Travelers' Health* sponsored by the American Society of Tropical Medicine and Hygiene (ASTMH) will be held in Toronto, Canada.
Phone: (847) 480-9592 •Fax: (847) 480-9282
Email: astmh@astmh.org
Web: www.astmh.org

17-20 *Eurotox 2000* will be held at the Imperial College of Science, Technology and Medicine, London, UK. **Contact:** EUROTOX 2000 Secretariat, Congress House, 65 West Drive, Cheam, Sutton, Surrey, SM2 7NB, UK.
Phone: 44 181 661 0877 •Fax: 44 181 661 9036
Email: info@conforg.com

19-20 *The CREST International Symposium on Immunoglobulin-Like Receptors* will be held in Sendai, Japan. **Contact:** Prof. T. Takai, Dept. Exp. Immunol., IDAC, Tohoku Univ., Sendai 980-8575, Japan.
Fax: 81 22 717 8505
Email: tostakai@idac.tohoku.ac.jp
Web: www.idac.tohoku.ac.jp/expimu/index.html

22-24 *Basic and Clinically Relevant Biology of Cutaneous T Cell Lymphoma (CTCL)* will be held at the New York Marriott World Trade Center, New York. This conference is jointly sponsored by the New York Academy of Sciences and Yale University School of Medicine. **Contact:** Science and Technology Meetings, New York Academy of Sciences, 2 East 63rd St., New York, NY 10021.
Phone: (212) 838-0230 •Fax: (212) 838-5640
Email: conference@nyas.org
Web: www.nyas.org

24-28 *11th Meeting of the International Society of Differentiations, Inc.* will be held in Australia on Queensland's Gold Coast. This meeting is being jointly held with the 7th International Congress on Cell Biology and the 19th meeting of the Australia and New Zealand Society for Cell and Developmental Biology.
Email: celldiff@icmsaust.com.au
Web: www.celldiff.unsw.edu.au/Home.html

OCTOBER

2-4 *Cancer Vaccines 2000 - An International Symposium Sponsored by the Cancer Research Institute* will be held at the Manhattan Conference Center, New York, New York. **Contact:** Cancer Research Institute, 681 Fifth Avenue, New York, NY 10022.
Phone: 1-800-992-2623
Web: www.cancerresearch.org

5-8 *Society for Leukocyte Biology 34th Annual Meeting: Interactions of Innate and Acquired Immunity* will be held at the Royal Sonesta Hotel, Cambridge, MA. **Contact:** Society for Leukocyte Biology, 9650 Rockville Pike, Bethesda, MD 20814.
Phone: (301) 571-5703 •Fax: (301) 571-5704
Email: slb@faseb.org
Web: www.biosci.ohio-state.edu/~slb

11 *Immune Reconstitution Strategies in AIDS and Bone Marrow Transplantation* will be held at the Searle Center, Duke University Medical Center, Durham, NC. **Contact:** Louise L. Bynum, Ph.D., Senior Program Coordinator, Duke Office of CME.
Phone: (919) 684-6103
Email: bynum006@mc.duke.edu

10-14 *26th Annual Meeting of the American Society for Histocompatibility and Immunogenetics* will be held at the Walt Disney World Resort in Orlando, FL. **Contact:** American Society for Histocompatibility and Immunogenetics, P.O. Box 15804, Lenexa, KS 66285-5804.
Phone: (913) 541-0009 ♦Fax: (913) 541-0156
Email: ashiamp@aol.com

11-15 *Workshop: Innate Immunity* will be held in Santorini, Greece. Sponsored by Aegean Conferences.
Web: www.aegeanconferences.org

14-19 *2000 ASCP/CAP Annual Meeting and Exhibits* will be held at the San Diego Convention Center, San Diego, Ca.
Phone: 1-800-621-4142, x1260
Email: info@ascp.org
Web: www.ascp.org/programs/national_meeting/fall00/

16-20 *Workshop: Lymphocyte Signal Transduction* will be held in Santorini, Greece. Sponsored by Aegean Conferences.
Web: www.aegeanconferences.org

28-29 *American Society of Tropical Medicine and Hygiene Updates in Vector Borne Human Diseases of the New World* will be held at the Westin Galleria, Houston, TX.
Phone: (847) 480-9592 ♦Fax: (847) 480-9282
Email: astmh@astmh.org
Web: www.astmh.org

28-29 *American College of Rheumatology 2000 Basic Research Conference "Genetics and Genomics in Rheumatic Diseases"* will be held in Philadelphia, PA. **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

29-November 2 *ASTMH 49th Annual Meeting* will be held at the Westin Galleria, Houston, TX.
Phone: (847) 480-9592
Email: astmh@astmh.org
Web: www.astmh.org

NOVEMBER

5-9 *Third Joint Meeting of the ICS/ISICR* will be held at the RAI International Exhibition and Congress Centre, Amsterdam, Netherlands. **Contact:** Utrecht University, FBU Congress Bureau, Attn. Ms. Muriël van Campen, Postbus 80125, NL - 3508 TC Utrecht, The Netherlands.
Phone: 31 30 253 2728 ♦Fax: 31 30 253 5851
Email: meeting2000@fbu.uu.nl
Web: www.uu.nl/fbu/meeting2000

8-11 *Glycobiology 2000 - 5th Annual Conference of the Society for Glycobiology* will be held in Boston, MA.
Contact: Conference on Glycobiology, 1201 Don Diego Ave., Santa Fe, NM 87505.
Phone: (505) 989-4735 ♦Fax: (505) 989-1073
Web: www.glycobiology.org

8-11 *Chemotherapy Foundation Symposium XVIII - Innovative Cancer Therapy for Tomorrow* will be held at the Sheraton New York Hotel, NY. **Contact:** Page and William Black Post-Graduate School, Mount Sinai School of Medicine, One Gustave L. Levy Place, Box 1193, New York, NY 10029.
Phone: (212) 241-6737 ♦Fax: (212) 426-7748
Web: info.neoplastics.mssm.edu

13-16 *Hanson Symposium: Cancer: Biology and Novel Therapeutics* will be held in Adelaide, South Australia.
Contact: All Occasions Management.
Fax: 618 8354 1456
Email: hanson@au-occasions.com.au

DECEMBER

9-13 *40th Annual Meeting of the American Society for Cell Biology* will be held in San Francisco, CA. **Contact:** The American Society for Cell Biology, 9650 Rockville Pike, Bethesda, MD 20814.
Phone: (301) 530-7153 ♦Fax: (301) 530-7139
Email: ascbinfo@ascb.org
Web: www.ascb.org/ascb

2001 MEETINGS

Jan. 27-Feb. 2 *24th Winter Rheumatology Symposium* will be held in Snowmass, CO. **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

Feb. 14-16 *5th International Congress of the Immunology of Diabetes Society* will be held in Chennai (Madras) India. **Contact:** Dr. C.B. Sanjeevi, Dept. of Molecular Medicine, Karolinska Hospital, CMM L8:03, S-17176, Stockholm, Sweden.
Phone: 46 8 51776254 ♦Fax: 46 8 51776179
www.ki.se/org/5thIDS

Feb. 17-21 *Biophysical Society 45th Annual Meeting* will be held in Boston, MA. **Contact:** Biophysical Society, 9650 Rockville Pike, Bethesda, MD 20814.
Phone: (301) 530-7114 ♦Fax: (301) 530-7133
Email: society@biophysics.faseb.org
www.biophysics.org/biophys/

Mar. 4-9 *Bat-Sheva Workshop on Signal Transduction in the Activation and Development of Mast Cells and Basophils* will be held in Jerusalem, Israel. **Contact:** Secretariat and Travel Agent, UNITOURS Israel Ltd., POB 3190, Tel Aviv 61031, Israel.
Phone: 972 3 5209999 ♦Fax: 972 3 5239299/5239099
Email: meeting@unitours.co.il
www.md.huji.ac.il/conf/mast-meeting

Mar. 8-10 *Innovative Therapies in Autoimmune Diseases* 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

Mar. 8-11 *European Atherosclerosis Society Workshop on the Immune System in Atherosclerosis* will be held in Geneva, Switzerland. **Contact:** Secretariat, European Atherosclerosis, P.O. Box 50006, Tel Aviv 61500, Israel.
 Phone: 972 3 51400 18/9 •Fax: 972 3 5175674
 Email: immune@kenes.com
 Web: www.kenes.com/immune-EAS

Mar. 16-21 *57th Annual Meeting of the American Academy of Allergy, Asthma & Immunology (AAAAI)* will be held in New Orleans, LA. **Contact:** Angela Gade, AAAAI, 611 E. Wells St., Milwaukee, WI 53202.
 Phone: (414) 272-6071, X257 •Fax: (414) 272-6070
 Email: agade@aaaai.org
 Web: www.aaaai.org

Mar. 31-Apr. 4 *EB '2001* will be held in Orlando, FL. **Contact:** EB '2001, 9650 Rockville Pike, Bethesda, MD 20814.
Phone: (301) 530-7010 •**Fax:** (301) 530-7014
Email: eb@faseb.org
Web: www.faseb.org/meetings

Apr. 1-5 *7th Congress of the European Society for Analytical Cellular Pathology* will be held in Caen, Normandy, France. **Contact:** Conference Secretariat: Mrs. Heather Costil, Centre François Baclesse, Route de Lion/Mer BP. 5026, F 14076 Caen Cedex 05, France.
 Phone: 33 2 31 45 50 01
 Email: h.costil@baclesse.fr
 Web: <http://rex.iutcaen.unicaen.fr/7esacp>

Apr. 8-13 *14th International Conference on Antiviral Research* will be held in Seattle, WA. **Contact:** Kelley Gillespie, Courtesy Associates, 2000 L. Street, NW, Suite 710, Washington, DC, 20036.
 Phone: (202) 331-2000 •Fax: (202) 331-0111
 Email: kgillesp@courtesyassoc.com

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

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: focis@execinc.com
 Web: www.focisnet.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

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. Abstract Deadline: February 1, 2001. **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/

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

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

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, U.S.A., 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

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

Cure For Lymphoma Foundation Fellowships

The Cure For Lymphoma Foundation (CFL) seeks candidates for its two-year fellowship grant program. The intent of the CFL Fellowship is to encourage careers in lymphoma translational and clinical research. Research may be laboratory or clinic based, but the results and conclusions must be relevant to the treatment of lymphoma.

The two-year fellowships provide salary support in the amount of \$45,000 the first year and \$50,000 the second year (including fringe benefits but excluding indirect costs) and \$5,000 each year for the research project.

Candidates must be fellows or junior faculty at or below the level of assistant professor at an institution in the U.S. at the start of the award period and hold a M.D., Ph.D. or equivalent degree. There are no restrictions for applicants as to age, race, sex, creed or national origin.

The application deadline is **October 2, 2000**. For applications or further information see the CFL website: www.cfl.org or contact:

Fran Morris
Cure For Lymphoma Foundation
215 Lexington Ave.
NY, NY 10016
Phone: (212) 213-9595
Fax: (212) 213-1987
Email: fmorris@cfl.org

In Memoriam

Elvin Kabat, Ph.D.

Elvin Kabat, Ph.D., passed away Friday, June 16 at the age of 85.

Dr. Kabat worked as a microbiologist at Columbia University and was one of the pioneers in immunochemistry and . Dr. Kabat became very active in the AAI after joining in 1943, and went on to serve as AAI's president from 1965-1966.



Dr. Kabat was born in Manhattan and attended City College. He then went onto Columbia University where he received both a master's and doctorate degree in biochemistry. After receiving his doctorate, he went to Uppsala, Sweden where he spent a year as a Rockefeller Foundation Fellow.

In 1941 Dr. Kabat joined the faculty of Columbia University holding professorships in both microbiology and human genetics and development. Although he retired from his professorships in 1977, he continued his research until 1985.

Dr. Kabat has authored hundreds of scientific articles, and co-authored numerous textbooks. He was a member of the National Academy of Sciences, served as a consultant to the NIH, and sat on a panel of the World Health Organization which established training programs for immunologists from developing countries.

Post Your "Position Wanted" Ad on the AAI Web Site

AAI is now accepting "position wanted" ads to be posted on the AAI home page. Candidates may submit ads free of charge. Ads for postdoctoral or other related research support positions (i.e., research technician, animal care specialist, instrumentation specialist) will be accepted. Posted information will remain active for six months. If you obtain employment before the six month deadline, please contact Linda Jean Comley at AAI to have the ad removed. To post an ad, please email the following information to comley@aai.faseb.org:

Name
Address
Phone, Fax
Email
Position Wanted
Attach CV to email

AAI-PHARMINGEN INVESTIGATOR AWARD

DESCRIPTION

In 1993, this award was established by the AAI in partnership with PharMingen to recognize an early-career investigator who has made an outstanding contribution to the field of immunology. The 2001 awardee will be presented a certificate, a \$3,000 cash award and travel support to attend the annual meeting, and will present his or her work in a special lecture.

QUALIFICATIONS

Applicants must be trainee or active members of AAI and must have received their degree within the last 15 years (hence, 2001 nominees must have received their degree on or after June 1, 1986).

NOMINATION

An individual must be nominated by an active AAI member. Members cannot nominate themselves. Members of the AAI Council and Awards Committee are not eligible to nominate candidates, nor be nominated themselves. Nominees will be evaluated by the AAI Awards Committee, and recommendations will be made to the AAI Council for final selection. A complete nomination package must be received by **December 1, 2000**. Please address all nominations to:

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

For additional background information, please visit the AAI web site at: www.aai.org.

AAI-PHARMINGEN INVESTIGATOR AWARD NOMINATION INSTRUCTIONS

Please include the following in the nomination package:

1. Name of nominee.
2. Current mailing address (including email address).
3. Title and affiliation.
4. Statement of contributions to immunology (DO NOT EXCEED 2 PAGES).
5. CV including: education and fellowships (institution, dates, degrees) and employment history.
6. Bibliography (complete citations with titles; a reprint of **one** publication may be included).
7. A nomination letter signed by an active AAI member which includes the date and the nominator's affiliation.
8. Letters of recommendation. **Three (3) letters of recommendation supporting this nomination must be submitted in addition to a signed nomination letter.**

AAI - HUANG FOUNDATION MERITORIOUS CAREER AWARD

DESCRIPTION

This award will recognize an AAI member for outstanding contributions made to the field of immunology. Candidates must be mid-career (at least 15 years in the field). The awardee will receive a \$10,000 cash prize, travel support to attend the AAI annual meeting, and present a special lecture at the annual meeting.

QUALIFICATIONS

Applicants must be active members of AAI and must have received their degree 15 or more years ago (hence, 2001 nominees must have received their degree on or before June 1, 1986).

NOMINATION

An individual must be nominated by an active AAI member. Members cannot nominate themselves. Members of the AAI Council and Awards Committee are not eligible to nominate candidates, nor be nominated themselves. Nominees will be evaluated by the AAI Awards Committee, and recommendations will be made to the AAI Council for final selection. A complete nomination package must be received by **December 1, 2000**. Please address all nominations to:

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

For additional background information, please visit the AAI web site at: www.aai.org.

AAI - HUANG FOUNDATION MERITORIOUS CAREER AWARD NOMINATION INSTRUCTIONS

Please include the following in the nomination package:

1. Name of nominee.
2. Current mailing address (including email address).
3. Title and affiliation.
4. Statement of contributions to immunology (DO NOT EXCEED 2 PAGES).
5. CV including: education and fellowships (institution, dates, degrees) and employment history.
6. Bibliography (complete citations with titles).
7. A nomination letter signed by an active AAI member which includes the date and the nominator's affiliation.
8. Letters of recommendation. **Three (3) letters of recommendation supporting this nomination must be submitted in addition to a signed nomination letter.**

AAI EXCELLENCE IN MENTORING AWARD

DESCRIPTION

An exceptional relationship between a mentor and trainee influences the successful career development of a trainee for positions in basic and clinical research, teaching, and administration. In 1998, the AAI presented the first Excellence in Mentoring Award for an outstanding contribution to the field of immunology through the mentoring of trainees. The AAI Council is pleased to invite nominations for the 2001 AAI Excellence in Mentoring Award. The award will be presented at an awards ceremony during the annual meeting.

QUALIFICATIONS

Nominees must be active members of AAI who have demonstrated a long-standing commitment to mentoring.

NOMINATION

Candidates should be proposed by an individual who was mentored by the nominee and is well acquainted with the nominee's qualifications. Members cannot nominate themselves, nor are members of the AAI Council or Awards Committee eligible to nominate candidates, or be nominated themselves. The complete nomination package must be received by **December 1, 2000**. Please address all nominations to:

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

For additional background information, please visit the AAI web site at: www.aai.org.

AAI EXCELLENCE IN MENTORING AWARD NOMINATION INSTRUCTIONS

Please include the following in the nomination package:

1. A nomination letter submitted from an active AAI member that includes the following nominee information:

- Name
- Present title and affiliation
- Current mailing address (including email address)
- Succinct career history and major scientific contributions
- List of former and current trainees mentored by nominee:

<u>Name</u>	<u>Position with mentor</u>	<u>Dates</u>	<u>Current position</u>
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2. Letters of recommendation from up to four *former* trainees of the nominee. Each letter must include a brief description of career history relevant to mentoring received, as well as current positions and affiliations. Please use no more than two (2) pages to provide a narrative description of the guidance provided for either the writer's, or others', career development. Specific anecdotes or examples are helpful. The following are some of the qualities that may be considered:

- Long-term commitment to mentoring
- Advisor for career choices
- Successful role model
- Advisor for life in the scientific community, *e.g.*, writing grants, oral presentations, teaching, *etc.*
- Continued interest in the professional advancement of former trainees.

PFIZER - SHOWELL TRAVEL AWARDS

DESCRIPTION

This award will provide travel support to the AAI annual meeting. Early career investigators (assistant professor, or equivalent, who have received an advanced degree within the past seven years) presenting a first author abstract at the annual meeting are eligible to apply. Application packages will be received and evaluated by the AAI Program Committee. Decisions will be based primarily on the submission of an outstanding abstract. Selected abstracts will be presented in the relevant block symposium and noted in the program. Awardees will be notified prior to the annual meeting. The awards will be presented at an awards ceremony during the annual meeting.

ELIGIBILITY

Applicants must be active, regular members of AAI, and be the first author on an abstract submitted to the AAI for presentation at the annual meeting.

APPLICATION PACKAGES

The complete application package must be received by **January 22, 2001**. Please address all packages to:

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

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 EB 2001.
4. A brief statement of applicant's research goals (not to exceed 1 page).

* NEW *

AAI JUNIOR FACULTY TRAVEL AWARDS

DESCRIPTION

This award is intended to recognize young investigators in the field of immunology and financially assist with their participation in the AAI annual meeting.

Awardees will be selected on the basis of career promise and an outstanding first author abstract submitted to the annual meeting. They will receive a certificate and a \$500 cash award. Selected abstracts will be noted in the program.

ELIGIBILITY

Junior faculty, i.e., assistant professors or equivalent, submitting a first author abstract to the AAI annual meeting are eligible to apply. Applicants must be regular AAI members. Postdoctoral fellows or faculty with seniority, i.e., associate professors and above, **are not** eligible.

APPLICATION PACKAGE

The complete application package must be received by **January 22, 2001**. Please address all packages to:

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

Awardees will be notified prior to the annual meeting. All awards will be issued at the meeting.

AAI JUNIOR FACULTY 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).

Please clearly designate "AAI Junior Faculty Award" in the cover letter.
2. Applicant's CV.
3. A copy of the abstract submitted to EB 2001.

AAI - HUANG FOUNDATION TRAINEE ACHIEVEMENT AWARDS

DESCRIPTION

This award will recognize promising trainees in the field of immunology. Five trainees will be selected on the basis of an outstanding first author abstract, as well as evidence of career promise. Awardees will receive a \$1000 cash award and travel support (up to \$1500) to attend the annual meeting. Application packages will be received and evaluated by the AAI Program Committee. Selected abstracts will be presented in the relevant block symposium and noted in the program. Awardees will be notified prior to the annual meeting. The awards will be presented at an awards ceremony during the annual meeting.

ELIGIBILITY

Students and post-doctoral fellows presenting a first author abstract at the annual meeting are eligible to apply. Applicants must be trainee members of AAI as of December 1, 2000.

APPLICATION PACKAGE

The complete application package must be received by **January 22, 2001**. Please address all packages to:

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

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 EB 2001.
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.

AAI Trainee Award Certification Form

This form must accompany the AAI-Huang Foundation Trainee Achievement Award Application.

Applicant's Name: _____
Please Print Legibly or Type

Mailing Address: _____

Trainee Status (check one): _____ Predoctoral _____ Postdoctoral

Year Degree Awarded/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

THE AMERICAN ASSOCIATION OF IMMUNOLOGISTS

9650 ROCKVILLE PIKE • BETHESDA, MD 20814-3994

TEL: (301) 530-7178 • FAX: (301) 571-1816

FEDERAL TAX ID NO: 04-2281787

Email Address: members@aai.faseb.org • Website Address: http://www.aai.org

2000 TRAINEE MEMBERSHIP APPLICATION FORM

Name: _____ Email 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*. **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.

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 _____

PLEDGE

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.

1 JANUARY - 31 DECEMBER 2000

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: _____

TO HELP REDUCE OUR CREDIT CARD PROCESSING FEES, WE WOULD APPRECIATE YOUR PAYMENT BY CHECK.

THE AMERICAN ASSOCIATION OF IMMUNOLOGISTS

9650 ROCKVILLE PIKE ♦ BETHESDA, MD 20814-3994

TEL: (301) 530-7178 ♦ FAX: (301) 571-1816

FEDERAL TAX ID NO: 04-2281787

Email Address: members@aai.faseb.org ♦ Website Address: http://www.aai.org

**QUALIFICATIONS AND APPLICATION FOR REGULAR MEMBERSHIP
2000 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 the Ph.D./M.D. 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: _____

DEGREE (YEAR) & INSTITUTION: _____

PUBLICATION: _____

CURRENT TITLE/ POSITION: _____

ADDRESS: _____

STREET: _____

CITY: _____ STATE: _____ ZIP CODE: _____

E-MAIL ADDRESS: _____

PHONE#: () _____ FAX#: () _____

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

2000 Dues Rates: 1 January - 31 December: **U.S. - \$225.00 Canadian - \$323.00 International - \$315.00**

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.

The Kabat Database of Sequences of Proteins of Immunological Interest

www.immuno.bme.nwu.edu

Center for Demography of Health and Aging

The CAAR (Current Awareness in Aging Research) is a weekly email report produced by the NIA-supported Center for Demography of Health and Aging at the University of Wisconsin-Madison that helps researchers keep up to date with the latest developments in the field, especially research relevant to the social sciences.

www.ssc.wisc.edu/cdha/caar/caar-index.htm

The Fulbright Scholar Program

The Fulbright Scholar Program for faculty and professionals is offering more than 43 awards in the Medical Sciences for lecturing and/or doing research abroad during the 2001-2002 academic year. A brief outline of these awards is listed below. For more complete information, visit our web site at www.cies.org. The award listings and application materials are downloadable, or you can request printed versions from apprequest@cies.ii.org. U.S. citizenship is required. Non-U.S. citizens should contact the Fulbright agency or U.S. embassy in their home countries.

The Fulbright Scholar Program is sponsored by the United States Department of State, Bureau of Educational and Cultural Affairs, and administered by the Council for International Exchange of Scholars (CIES).

Council for International Exchange of Scholars

3007 Tilden Street, NW, Suite 5L

Washington, DC 20008-3009

Phone: (202) 686-7877

Fax: (202) 362-3442

www.cies.org

THE AMERICAN ASSOCIATION OF IMMUNOLOGISTS
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