

9650 ROCKVILLE PIKE, BETHESDA, MARYLAND 20814-3994  
 PHONE: 301-530-7178 FAX: 301-571-1816  
 Web: [www.scienceXchange.com/aai](http://www.scienceXchange.com/aai)

## THE AMERICAN ASSOCIATION OF IMMUNOLOGISTS

# AAI NEWSLETTER

## AAI 1999 Election Results

### Swain Elected as New AAI Council Member

Susan L. Swain, Ph.D., Trudeau Institute, has been elected to the AAI Council. Her term will begin July 1, 1999 and extend through June 30, 2006. Dr. Swain is the Director and Edward C. Brewster Chair at the Trudeau Institute, Inc. Dr. Swain received her Ph.D. in immunology from Harvard Medical School in Boston, MA, and was a postdoctoral fellow and faculty member in immunology at UC - San Diego until 1996 when she moved to the Trudeau Institute. Dr. Swain is a primary reviewer for the *Journal of Immunology*, and has served on the AAI Publications Committee, the Nominations Committee, and the Committee on the Status of Women. She is currently a member of the Arthritis Review Panel in Cellular Immunology, and a member of the Scientific Advisory Board, Institute for Advanced Studies in Immunology and Aging. She is on the editorial boards of *Cell*, *Cellular Immunology*, *Lymphokines*, *Current Biology*, *International Immunology*, and *JEM*. Dr. Swain has been an AAI member since 1977.

### Committee Positions

#### Awards Committee

Sherie L. Morrison, Ph.D.

#### Publications Committee

Jenny P. Ting, Ph.D.

#### Finance Committee

Jeffrey A. Bluestone, Ph.D.

#### Program Committee

David H. Raulet, Ph.D.

#### Nominating Committee

Charles A. Janeway, Jr., M.D. (Chair)

Marc K. Jenkins, Ph.D.

Katherine L. Knight, Ph.D.

William E. Paul, M.D.

Caroline Whitacre, Ph.D.

### In This Issue

- |                                   |   |                                    |
|-----------------------------------|---|------------------------------------|
| 1. AAI 1999 Election Results      | 8. CRI Funding Programs                   | 14. Web Sites of Interest          |
| 2. Focus on Public Affairs        | 9. AAI Establishes An Official            | 15. Charles E. Culpeper Foundation |
| 3. Gary Nabel, M.D., Ph.D., Named | Journal ( <i>Part 2 of AAI Historical</i> | Scholarships                       |
| Director of VRC at NIH            | <i>Series</i> )                           | 17. Meeting Announcements          |
| 5. XX-Immuno-Notes-XX             | 10. Fulbright Awards                      | 22. Membership Application         |
| 6. JDFI RFAs for 1999 and 2000    | 12. Members in the News                   | 23. Trainee Membership Application |
| 7. Biologicals Available from NCI | 14. In Memoriam                           | 24. Member Contributions           |

THE AMERICAN  
ASSOCIATION OF  
IMMUNOLOGISTS

9650 Rockville Pike  
Bethesda, Maryland  
20814-3994

Tel: 301-530-7178

Fax: 301-571-1816

Email: [infoaai@aai.faseb.org](mailto:infoaai@aai.faseb.org)

AAI Homepage:

[www.scienceXchange.com/aai](http://www.scienceXchange.com/aai)

Member Services

Tel: 301-530-7195

*Journal of Immunology*

Tel: 301-530-7197

## Council

### *President*

Jonathan Sprent, MD, PhD

### *Vice President*

Roger M. Perlmutter, MD, PhD

### *Past President*

Charles A. Janeway, Jr., MD

### *Secretary-Treasurer*

J. Donald Capra, MD

### *Councillors*

Philippa Marrack, PhD

James P. Allison, PhD

Paul W. Kincade, PhD

Laurie H. Glimcher, MD

### *Executive Director*

M. Michele Hogan, PhD

## Staff

### *Director of Public Affairs*

Patrick White

[fpwhite@aai.faseb.org](mailto:fpwhite@aai.faseb.org)

### *Business Manager*

Tim Markwood

[wmarkwood@aai.faseb.org](mailto:wmarkwood@aai.faseb.org)

### *Executive Assistant*

Michael W. Cuddy

[mwcuddy@aai.faseb.org](mailto:mwcuddy@aai.faseb.org)

### *Membership Services*

Lisa McFadden

[members@aai.faseb.org](mailto:members@aai.faseb.org)

### *Publications Specialist*

Linda Jean Comley

[comley@aai.faseb.org](mailto:comley@aai.faseb.org)

### *Senior Administrative Assistant*

Pamela Booth

[pbooth@aai.faseb.org](mailto:pbooth@aai.faseb.org)

# FOCUS ON PUBLIC AFFAIRS

## Budget Resolutions Call For \$600 Million Increase for NIH

The budget battle of 1999 began on February 1 with the Clinton Administration, in its FY2000 budget proposal, recommending that NIH receive a 2.1%, \$320 million increase. While not unexpected, this proposal was a disappointment given last year's 15%, \$2 billion increase, and given the need for another 15% increase to double the NIH budget by FY2003.

**Congressional Action:** Now Congress has begun to act, and the House and Senate completed work in late March on budget resolutions that recommend a 4%, \$600 million increase for NIH in FY2000. Budget resolutions contain broad spending and policy goals for entire federal government and, from the numbers in these resolutions, House and Senate Appropriations Committees will then write actual funding bills. While budget resolutions are becoming less important in federal policy-making (and last year, for the first time since passage of the 1974 Budget Act, Congress failed to produce a budget resolution at all), AAI has devoted more effort and attention to the budget resolutions as we pursue the goal of doubling NIH's budget in the next five years.

Although this most recent congressional action effectively doubles the Administration's original request, NIH champions in both Houses attempted to direct even more funding toward NIH. In the House Budget Committee, Democrats introduced an amendment to provide enough funding to give NIH a 15% increase in the coming year; that amendment failed on a party-line vote of 18-22. In a higher-profile effort in the Senate, NIH champions Arlen Specter (R-PA) and Tom Harkin (D-IA) introduced a similar amendment, to be funded by preventing tobacco companies from deducting payments made as part of the tobacco settlement from their income taxes. Unfortunately, that amendment also failed on a 47-52 vote.

**Current State-Of-Play:** While the defeat of these amendments is a disappointment, NIH's fortunes continue to improve at every step in the process, and biomedical research is clearly a top domestic priority for Congress. According to FASEB President Bill Brinkley, Specter believes that the strong pro-NIH vote will enable us to keep the pressure on Congress as the budget debate continues. The current state-of-play can be summarized by saying that, while the arithmetic is daunting, the atmospherics for NIH remain quite good.

**The Arithmetic:** The Clinton Administration and the Republican-led House and Senate are held hostage by the federal spending caps that were agreed to in the 1997 Balanced Budget Act. Under the 1997 agreement, FY99's \$293 billion in "non-defense discretionary spending" (from which NIH funding is drawn) must be cut to \$246 billion in FY2000. This need for \$47 billion in cuts, or tax increases so as to stay within the caps, has led to budget proposals that are at best vague, and at worst, fictitious. (And, as long as one party can claim a budget that sticks to the caps, it can blame the other party for "busting the caps," raising taxes, or cutting favored federal programs.)

**The Atmospherics:** That both House and Senate budget debates saw Democrats and Republicans vying to boost NIH spending is very encouraging. Despite the constraints of the spending caps, it is all but certain that some sort of compromise will be reached so that more domestic spending becomes possible. And, our champions on the House and Senate Appropriations Committees remain strong and continue to advocate a doubling of the NIH budget. The next major milestone will come as early as May, when House and Senate Appropriations Committees begin their work.

## Gary Nabel, M.D., Ph.D., New VRC Director at NIH

HHS Secretary Donna E. Shalala has announced that Gary Nabel, M.D., Ph.D., has been chosen as Director of the Vaccine Research Center (VRC) at the National Institutes of Health. Dr. Nabel, who assumed this position on April 11, came to NIH from the University of Michigan in Ann Arbor, where he was the Henry Sewall Professor of internal medicine and professor of biological chemistry. He also was a Howard Hughes Medical Institute Investigator.

“President Clinton has challenged the nation to develop a vaccine against AIDS in the next 10 years,” said Secretary Shalala. “I am extremely pleased that Dr. Nabel has joined us to accept that challenge. He brings the expertise, innovative thinking and leadership we need to achieve that goal.”

“Gary Nabel is a superb scientist who has excelled at the frontiers of virology, immunology, gene therapy and molecular biology,” said NIH Director Dr. Harold Varmus. “As a result of his experiences with clinical and laboratory research in academia and extensive interactions with industrial partners, he is remarkably well prepared to lead the complex, multidisciplinary and collaborative activities that will be required to develop an effective HIV vaccine. His recent work - on novel strategies for gene therapy for AIDS and for vaccines against cancer and Ebola virus - illustrates the imagination and drive that he will bring to the NIH Vaccine Research Center.”

In response to the announcement, Dr. Nabel said, “I’m honored and excited by the opportunity to contribute to vaccine development through this unique center at the NIH. The development of an AIDS vaccine remains a formidable challenge and an urgent need, and the VRC hopes to drive the development of effective vaccines with our partners in academia, industry and the public.”

Additional information can be found at: [www.nih.gov/news/pr/mar99/niaid-11.htm](http://www.nih.gov/news/pr/mar99/niaid-11.htm).

## Scientific Review Administrator Position

The Center for Scientific Review (CSR) at the National Institutes of Health (NIH) is undergoing an expansion. Building on 50 years of pride in peer review as the Division of Research Grants, CSR would like to identify a highly qualified research scientist who is interested in serving as a Scientific Review Administrator for a study section within the Immunological Sciences (IMM) Initial Review Group (IRG). The individual should have a history of proven independent research experience in his/her field and have a broad knowledge of the scientific area of immunology.

We are seeking a highly motivated, enthusiastic individual with excellent judgement and highly developed communication, analytic, interpersonal, organizational and writing skills. This individual will apply his/her capabilities to the present and future challenges offered in scientific review.

The Scientific Review Administrator will be responsible for understanding the current status and identifying future directions of immunology; selecting members of review panels; managing study section meetings; facilitating interactions with study section members and communicating the results of their deliberations and recommendations to the applicants and to the staff of the NIH Institutes which fund the applications.

This is a GS-12, 13, or 14 Civil Service Position, *requiring US citizenship*. The current salary range for this position is \$48,796 to \$89,142 per year. The applicant must have: a Ph.D. or equivalent degree (or have equivalent training and experience); postdoctoral research training; and, a record of research accomplishment. A recruitment/relocation bonus may be available. For positions requiring the M.D. degree, a physician's comparability allowance is available.

**The deadline date for submission is June 18, 1999.**

Please send your curriculum vitae to:

Calbert A. Laing, Ph.D.  
Chief, Immunological Sciences  
Initial Review Group  
Center for Scientific Review  
National Institutes of Health  
6701 Rockledge Drive  
Bethesda, MD 20817  
Laingc@csr.nih.gov

Selection for any position will be based on merit, with no discrimination for non-merit reasons, such as race, color, sex, national origin, marital status, handicap, age, sexual orientation, or membership/non-membership in an employee organization.

*NIH is an Equal Opportunity Employer*

## XX-IMMUNO-NOTES-XX

The AAI Committee on the Status of Women sponsored its eighth annual Special Symposium, *Think Biotech: Opportunities for Women in Biotechnology*, on April 18 at the 1999 AAI Annual meeting. Dr. Paula Kavathas introduced this unique symposium, which included the following speakers and topics:

- Dr. Yvonne Paterson and Dr. Philippa Marrack - "*Getting Involved in Biotech as Academics*"
- Dr. Mary Lynne Hedley and Dr. Kim Warren - "*Starting a Biotech Company*"
- Dr. Julia Greenstein and Dr. Sandra Lehrman - "*Working in Upper Management*"

A discussion period followed the presentations. This year's symposium offered a singular opportunity to interact with women who have experienced the opportunities and challenges presented by their involvement in various capacities within the biotechnology arena.

.....

The Committee on the Status of Women is charged with monitoring the professional progress and accomplishments of women immunologists. To this end, we have reviewed the editorial board composition of several prominent immunology journals. The results of this survey for 1999 and 1994 are summarized in the following table. This information was obtained from the lists of editorial board members published in recent issues of the selected journals. The editorial staff from approximately half of the journals responded to a request for verification of the 1999 data. The primary objectives of this exercise are to inform our membership of the current representation held by women on various editorial boards and to enhance the general awareness for including capable women in this capacity. In advocating a selection process based on merit as well as appropriate representation, the committee seeks to promote the selection of qualified women for influential positions. In order to advance this goal, the committee also is planning to conduct a review of the proportion of women speakers at several national meetings. The results of this survey will be published in a subsequent *ImmunoNotes* installment.

<u>Journal</u>	<u>Number of Editorial Board Members (1999)</u>	<u>Percentage (Number) of Women on Editorial Board (1999)</u>	<u>Percentage of Women on Editorial Board (1994)</u>
<i>Journal of Immunology</i>	61	26 (16)	17
<i>Immunity</i>	61	20 (12)	9
<i>Journal of Exp. Medicine</i>	107	10 (11)	11
<i>International Immunology</i>	15	13 (2)	13
<i>Cellular Immunology</i>	74	24 (18)	12
<i>Eur. Journal of Immunology</i>	75	17 (13)	17
<i>Immunogenetics</i>	44	10 (4)	19
<i>Immunological Reviews</i>	19	26 (5)	4
<i>Cell</i>	64	5 (3)	4
<i>Science</i>	97	10 (10)	4

To assist editors as well as meeting organizers and seminar hosts in the selection of qualified women immunologists, the Committee on the Status of Women maintains and frequently updates the Potential Speakers and Chairs List. This list consists of an alphabetical roster containing pertinent contact information for women immunologists, as well as a topic roster in which the members are organized by research focus. The women included on the list are independent investigators who maintain an active publication record. Membership in the AAI is strongly encouraged, but not required.

The Potential Speakers and Chairs List is available on the Web and is now accessible in an easily printable version. The website address is: <http://www.scienceXchange.com/aai/committees/women>

## The Juvenile Diabetes Foundation International RFAs for 1999 and 2000

In addition to providing support for its ongoing research and training grants, JDFI has set aside \$25 million for research targeted to the special emphasis areas listed below:

- **Modulation of The Immune System**
- **Beta Cell Replacement/Islet Transplantation**
- **Genetic Engineering/Gene Therapy**
- **Hypoglycemia**
- **Complications**

Deadline for receipt of completed applications is September 1, 1999 (first 2 pages are due by August 15) for awards in January 2000. Please see our website at: <http://www.jdfcure.org/research/rfaspecial1298.html> for the full RFA. Detailed description of funding information, application instructions, and application forms may also be obtained at <http://www.jdfcure.org/research/appinstructions1298.html>.

This RFA is intended to attract researchers not currently involved in diabetes research but who could apply their basic research experience to an important clinical problem affecting millions of people worldwide. Type 1 diabetes is a chronic metabolic disorder caused by autoimmune destruction of the beta cells of the pancreas. This leads to the equivalent of a life sentence for the individual, who must replace the functions of a normal pancreas by injecting insulin up to 5 times daily. Long-term complications include nerve disease, blindness, amputation of the feet and legs, kidney failure, and heart problems, in addition to a shortened expected lifespan.

**The mission of the JDFI is to find a cure for diabetes and its complications through the support of research.**

For additional information contact:

Dr. Mary Beth Moncrief, Scientific Program Manager  
(212)479-7547  
Email: [mmoncrief@jdfcure.org](mailto:mmoncrief@jdfcure.org)

Dr. Marie Nierras, Scientific Program Manager  
(212)479-7589  
Email: [cnierras@jdfcure.org](mailto:cnierras@jdfcure.org)

Dr. Catherine Sigal, Assistant National Scientific Program Manager  
(212)479-7510  
Email: [csigal@jdfcure.org](mailto:csigal@jdfcure.org)

---

## Please Help!

We are interested in retrieving copies of several out-of-print volumes of the *Journal of Immunology*.

If you have copies of Volume 160, Numbers 3,7, or 8 (February 1, April 1, or April 15, 1998) or Volume 162, Number 1 (January 1, 1999), we would appreciate your contacting us at (301) 571-0654.

**We will pay all shipping costs.**

## Biologicals Available from the National Cancer Institute

The repository of the Biological Resources Branch, NCI, announces the availability of recombinant human lymphokines and monoclonal antibodies against mouse and human antigens.

### Human Cytokines Currently Available:

IL-1, IL-1 $\beta$ , and IL-2

### Monoclonal Antibodies:

HeFi- 1: Murine anti-human CD30

B72.3: Murine anti-human TAG-72

R24: Murine anti-human GD3

3ZD: Murine anti-human IL- 1/ $\beta$

11B.11: Rat anti-murine IL-4

Use of these materials is limited solely to *in vivo* and *in vitro* basic research studies and is not intended for administration to humans.

The lymphokine materials are aliquoted in 100 $\mu$ g amounts (>10<sup>6</sup> units) and are available to investigators with peer-reviewed support. **However, manufacturers' restrictions prohibit distribution of these materials to for-profit institutions or commercial establishments.**

The monoclonal antibodies are available to peer-reviewed investigators, for-profit institutions or commercial establishments, and are available in 5 or 20 mg amounts.

Investigators wishing to obtain these materials should send requests to:

Dr. Craig W. Reynolds, Ph.D.  
Biological Response Modifiers Program  
NCI-FCRDC  
Building 1052, Room 253  
Frederick, MD 21702-1201  
Phone: 301-846-5693 • Fax: 301-846-5429  
Email: reynoldsc@mail.ncifcrf.gov

All requests should be accompanied by: (1) a brief paragraph outlining the purpose for which materials are to be used; (2) the amount desired; (3) description of investigator's peer-reviewed support, if applicable. Recipients will be required to sign a Material's Transfer Agreement and to pay shipping and handling costs. Please allow 4 to 6 weeks for delivery.

### National Science Foundation Celebrates 50<sup>th</sup> Anniversary

In the year 2000, The National Science Foundation (NSF) will be celebrating its 50th Anniversary ("NSF50"). NSF has begun planning events to remember its 50th anniversary, including a birthday party celebration at NSF headquarters. For more information for the NSF50 plans, please contact William Line at [wline@nsf.gov](mailto:wline@nsf.gov), or visit the NSF website at [www.nsf.gov/od/lpa/nsf50/start.htm](http://www.nsf.gov/od/lpa/nsf50/start.htm).

The National Science Board (NSB) has also established a special 50th Anniversary Task Force led by Dr. Vera Rubin. The Board intends to develop programs to commemorate the agency's anniversary and to recognize its establishment 50 years ago by President Harry S Truman.

# Cancer Research Institute Funding Programs

## **PREDOCTORAL EMPHASIS PATHWAY IN TUMOR IMMUNOLOGY**

Through the predoctoral pathway, universities and research centers are invited to apply for training grants establishing multi-year programs that support doctoral students interested in pursuing careers in cancer immunology. The grants provide the institution with \$450,000 over a four-year period. There is no set application deadline.

## **POSTDOCTORAL FELLOWSHIPS**

Are designed to foster the training of qualified young immunologists and cancer immunologists at leading universities and research centers around the world. These two- to three-year funding commitments have been raised to \$32,000 in the first year; \$34,000 in the second year, and \$36,000 in the third year. The fellowships also include an institutional allowance of \$1,500 per year. The deadline is October 1.

## **CLINICAL INVESTIGATION PROGRAM**

**Pre-Clinical Grants and Clinical Trials Grants** provide funding for immunological research in the areas of melanoma and prostate cancer. Proposals in areas other than melanoma and prostate cancer will be accepted only in response to a formal call for proposals.

**Pre-Clinical Grants** fund immunology and cancer immunology laboratory research in human cancers and in animal models of cancer at a level of \$100,000 a year for three years. The application deadline for Melanoma Initiative pre-clinical grants is September 1.

**Clinical Trials Grants** support Phase I/II clinical trials of new immunotherapies for cancer. These grants provide funding of \$150,000 a year for 3 years. The application deadline for Melanoma Initiative clinical trials grants is September 1.

For additional information or applications, please contact Lynne Harmer, Director of Grants Administration, at (212) 688-7515, (212) 832-9376 (FAX), or [cancerres@aol.com](mailto:cancerres@aol.com).

Cancer Research Institute  
National Headquarters  
681 Fifth Avenue  
New York, NY 10022-4209  
Web: [www.cancerresearch.org](http://www.cancerresearch.org)

---

---

## Summary of Clinical Data Available from ACAAI

Health care professionals and health plan administrators can receive new information on how the involvement of allergists in asthma care improves treatment outcomes and lowers costs. Recent published studies are abstracted and summarized in the booklet *The Role of the Allergist in Cost-Effective Treatment of Asthma* produced by the American College of Allergy, Asthma & Immunology. Single copies of the booklet are available free. Contact:

ACAAI  
85 West Algonquin Road  
Suite 550  
Arlington Heights, IL 60005



## The AAI Establishes an Official Journal

By: Julius M. Cruse, M.D., Ph.D., and Robert E. Lewis, Ph.D.  
Department of Pathology  
University of Mississippi Medical Center, Jackson, MS

*This historical vignette is the second in a series addressing the history of the AAI*

In 1915, Dr. A. Parker Hitchens announced to the AAI Council that a movement was afoot, from the New York Society of Serology and Hematology, to launch a "Journal of Immunity". It was planned that the society president, Dr. Coca, was to become the Editor. To avoid working at cross purposes, the AAI Council authorized Dr. Hitchens to contact Dr. Coca concerning the establishment of a journal. Representatives of the two organizations met to work out details for founding what became the *Journal of Immunology*.

Dr. Coca was unanimously chosen to become managing editor. He was supported by an editorial board, which was selected by a committee comprised of two members from each of the two societies. The managing editor would serve as an *ex officio* member of the board.

Dr. Coca and the editorial board decided that the "JI" would publish scientific research articles on immunity, serology and bacterial therapy. It would be published bimonthly, with each volume consisting of six issues, and containing from 500-525 total pages. By 1930, the *JI* showed a profit for the first time. In 1940 the AAI Council decided to make the publication international by inviting Latin American immunologists to serve on the editorial board. They appointed Dr. A. Sordelli, of Buenos Aires, and Dr. M. Ruiz Castaneda, of Mexico City, as the first two non-U.S. immunologists to serve on the board.

In 1945, Dr. Coca resigned after 30 years of service as managing editor. He was succeeded by Dr. Geoffrey Edsall, who brought considerable fiscal discipline to the *JI*, and worked with the Council to arrange for the publisher to credit the AAI with journal pages saved per year. Dr. John Y. Sugg succeeded Edsall in 1954.

By 1963, the total pages published increased to 1,400, and the quality improved with the acceptance of meritorious articles representing the forefront of immunology research. Within a year, the number of published pages had increased to 2,000. This number more than doubled to 4,650 by 1978, and in 1986, 9,400 pages were published.

With the proliferation of immunological research, the *JI* developed subsections of immunochemistry, cellular immunology, immunopathology, immunogenetics, and microbial and viral immunology, each with its own subeditor. In 1968, Dr. Harry Rose succeeded Dr. Sugg as managing editor. The AAI obtained copyright to the *Journal of Immunology* in 1972, which strengthened its role in working with the publisher to regulate journal income and to set the ratio for net income distribution.

In 1971, Dr. Joseph D. Feldman became the fifth editor-in-chief of the *JI*. He proposed a new format for an 8 ½" x 11" page size that would diminish the cost of published papers. This was implemented in 1975. Also at this time, AAI student members were offered the journal at reduced rates.

In 1982, the editorial board arranged for a "cost plus" arrangement with the publisher. In 1983, the AAI Council established a journal reserve fund, and charged the editorial board with reorganization of the scientific and business

*"Official Journal" continued on page 10*

---

### Correction

**In the November/December 1998 issue, the photo caption in the article "The Founding of the AAI" was incorrect. The caption should have read: "Dr. G.B. Webb standing behind and to the left of Sir Almroth E. Wright".**

*“Official Journal” continued from page 9*

management functions. In 1984, the editorial board became the Publications Committee, giving it stature as a standing committee of the AAI, and was responsible to the Council for the quality of the *Jl*. In 1985, the *Jl* began twice monthly publication. In 1987, Dr. Ethan M. Shevach succeeded Dr. Feldman as editor-in-chief, and the scientific functions of the *Jl* were separated from the financial responsibilities. Dr. Shevach would have scientific responsibility for the journal, and Dr. Joseph Saunders, AAI Executive Director, became the managing editor. Subsequent editors-in-chief include Drs. Peter Lipsky and Frank Fitch (current editor-in-chief).

In the intervening decade, the *Journal of Immunology* has continued to increase in size and prestige, publishing scholarly articles not only from the national, but from the international scientific community.

---

## 2000-2001 Fulbright Awards for U.S. Faculty and Professionals

Opportunities for lecturing or advanced research in over 140 countries are available to college and university faculty and professionals outside academe. U.S. citizenship and a Ph.D. or comparable professional qualifications are required. For lecturing awards, university or college teaching experience at the level and in the field of the proposed lecturing activity is required as specified in the award description. Foreign language proficiency is required as specified in the award description or as required for the completion of the proposed project.

### **Deadlines:**

- August 1, 1999: lecturing, lecturing/research, and research awards worldwide
- November 1, 1999:
  - U.S. Germany International Education Administrators Program
  - U.S. Japan International Education Administrators Program
  - U.S. Korea International Education Administrators Program
  - Fulbright German Studies Seminar
- January 1, 2000: NATO Advanced Research Fellowships and Institutional Grants

For detailed information and applications contact:

USIA Fulbright Senior Scholar Program  
Council for International Exchange of Scholars  
3007 Tilden Street, NW, Suite 5L  
Washington, DC 20008-3009  
Email: [scholars@cies.iie.org](mailto:scholars@cies.iie.org)  
Web: [www.cies.org](http://www.cies.org)

## Body Odyssey Exhibit Opens at Children’s Museum of Manhattan

On March 18, the Children’s Museum of Manhattan (CMOM) opened *Body Odyssey*, a new interactive exhibition. The exhibit is sponsored by Merck & Co., Inc. *Body Odyssey*, and other related educational programs, are designed for families with children ages 5 to 11. The exhibit, while exploring scientific processes that occur within the entire human body, specifically focuses on key areas: the skin, the digestive and respiratory system, and the blood transport system.

A traveling version of *Body Odyssey* begins a national four-year tour in May 2000. For more information, contact CMOM at (212) 721-1234.

## Members in the News

### Candace Johnson, Ph.D., Named UPCI's Deputy Director for Basic Research

Candace Johnson, Ph.D., has been named Deputy Director for basic research at the University of Pittsburgh Cancer Institute (UPCI). Johnson is the co-director of the UPCI's Experimental Therapeutics Program, and is also a professor in the departments of pharmacology and medicine at the university's medical school.

"She particularly has been instrumental in developing and facilitating close and extensive linkages between basic cancer researchers and clinical investigators to truly accomplish translational research and apply new research insights to the prevention of cancer, as well as to the diagnosis and treatment of patients with this disease." said Ronald B. Herberman, M.D., Director of UPCI and Associate Vice Chancellor for Research, Health Sciences, University of Pittsburgh.

Dr. Johnson's laboratory was the first to show that a vitamin D-like compound (calcitriol) inhibits the growth of existing prostate cancer and prevents the establishment of new tumors in animals. They were also the first to isolate and culture cells lining the blood vessels inside tumors.

Dr. Johnson is a member of numerous professional societies, including the American Association for Cancer Research, the Society for Biological Therapy and the American Society of Clinical Oncology. She has been an AAI member since 1983.

---

---

### Stephen Holgate, M.D., Receives King Faisal International Prize for Medicine

Stephen T. Holgate, MD, DSc, FRCP, was awarded the King Faisal International Prize for Medicine on January 5, 1999. Holgate was honored for his work on respiratory allergies.

Dr. Holgate's research focused on asthma as an inflammatory disease and demonstrated the role of chemical signals from mast cells which play a key role in allergies and the role of specific immune cells in prolonging the inflammatory response. His research on asthma has also included the role of viral infections, fibrosis and genetic predisposition to allergic diseases. Dr. Holgate has been an AAI member since 1986.

The King Faisal International Prize recognizes leading scientists and academics for their contributions to humanity. The awardee receives a certificate, a commemorative gold medal, and a cash endowment. The award is given during a ceremony in Riyadh, Saudi Arabia, under the auspices of the King of Saudi Arabia.

---

---

### Andrew Gorski, M.D., Appointed Director of L. Hirsfeld Institute

Andrew Gorski, M.D., Professor of Medicine and Immunology, and President (Rector) of the Medical University of Warsaw (Poland), has been appointed as Director of the L. Hirsfeld Institute of Immunology and Experimental Therapy, Polish Academy of Sciences, in Wroclaw. The Institute is one of the largest immunological institutions in Central and Eastern Europe. Dr Gorski has been an AAI member since 1976.

## Four AAI Members Named to NIAID Advisory Council

AAI members Kim Bottomly, Ph.D., Raif S. Geha, M.D., Ellen H. Goldberg, Ph.D., and Barton F. Haynes, M.D., were appointed to the National Advisory Allergy and Infectious Diseases Council, the principal advisory body of the NIAID. Also appointed to the council was Marie Saint Cyr, M.S.W., executive director of Iris House, a center for women living with HIV/AIDS and their families. The center is located in New York.

The council provides recommendations on the conduct and support of research, including training young scientists and disseminating health information derived from NIAID research. The council is composed of physicians, scientists and representatives of the public who contribute their time and expertise for a four-year term.

**Dr. Bottomly** is a professor of immunobiology and dermatology at Yale University School of Medicine. She has been an AAI member since 1979.

**Dr. Geha** is a professor of pediatrics at Harvard Medical School and chief of immunology at Children's Hospital in Boston. He has been an AAI member since 1978.

**Dr. Goldberg** is president of the Santa Fe Institute, which hosts faculty consisting of Nobel Laureates, members of the National Academy of Sciences and MacArthur Fellows from around the world involved in interdisciplinary research. She has been an AAI member since 1974.

**Dr. Haynes** is the Frederic M. Hanes Professor, chair of the department of medicine, and director of the Human Vaccine Institute at Duke University. He has been an AAI member since 1980.

---

---

## Hyun S. Lillehoj, Ph.D., Honored by the Agricultural Research Service

Hyun S. Lillehoj, Ph.D., was honored on February 10 by the Agricultural Research Service (ARS) for developing and transferring technologies that will lead to more effective vaccines against poultry diseases, particularly coccidiosis.

Internationally, coccidiosis costs the poultry industry an estimated \$600 million in low carcass weights and prophylactic drugs. The drugs are losing their effectiveness as the coccidia parasites are rapidly developing resistance. Lillehoj custom-built monoclonal antibodies which bind to chicken lymphocytes indicating how the bird's immune system operates before and after infection. "These monoclonal antibodies are helping industry assess poultry health," said ARS Administrator Floyd Horn. "And they will hasten the emergence of new strategies to immunize chickens against economically important diseases."

Lillehoj is a member of the Poultry Science Association, the American Association of Avian Pathologists, and has been an AAI member since 1983.

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 20814-3994  
Email: [comley@aai.faseb.org](mailto:comley@aai.faseb.org)

## In Memoriam

### David S. Finbloom, M.D.

David S. Finbloom, M.D., Director of the Division of Cytokine Biology in the Office of Therapeutics Research and Review at CBER, FDA, passed away March 5, 1999 at the age of 50. During his 10 year tenure at the FDA, Dr. Finbloom advanced from a position as a senior investigator to that of division director. He was a member of the medical branch in the Commissioned Corps of the U.S. Public Health Service, and a professor of medicine at the Uniformed Services University of the Health Sciences in Bethesda, MD. In this capacity, Dr. Finbloom served as a mentor to several hundred medical students, interns, residents, and postdoctoral fellows.

Dr. Finbloom's most recent research focused on the interaction of cytokines with cells of the immune system. He was the first to show that interferon-gamma binds to specific receptors on human monocytes resulting in the internalization of receptor-ligand complexes and induction of new proteins. Dr. Finbloom served on numerous product licensing committees, including those resulting in the licensure of interferon alpha for the treatment of Kaposi's Sarcoma, hepatitis B and hepatitis C; interferon beta for the treatment of multiple sclerosis; and interferon gamma for the treatment of Chronic Granulomatous Disease. In addition, Dr. Finbloom made major contributions to product regulation that have had a significant impact on the biotechnology industry.

Finbloom was the recipient of the Societe Francaise de Rhumatologie Prize (1981), the William R. Felts Award for Excellence in Rheumatology Research Publications (1994), the CBER Director's Targeted Research Award (1994), and was the first to receive the FDA Outstanding Scientist of the Year Award (1994). He served as an Associate Editor (1990-1994) for the *Journal of Immunology*, and was currently a section editor for the *J.I.* He had been an AAI member since 1982.

*Submitted by: Gerald Feldman, Ph.D.  
Center for Biology, FDA, Bethesda, MD*

## 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](mailto:infoaai@aai.faseb.org).

### **The National Center for Biotechnology Information Taxonomy Homepage (NCBI)**

The NCBI taxonomy database contains the names of all organisms that are represented in the genetic databases with at least one nucleotide or protein sequence.

<http://www.ncbi.nlm.nih.gov/Taxonomy>

### **The Office of Research Integrity (ORI)**

The ORI oversees and directs the Public Health Service (PHS) research integrity effort with the exception of the regulatory research activities of the Food and Drug Administration.

<http://ori.dhhs.gov>

### **The Howard Hughes Medical Institute**

Features include new biomedical discoveries, activities for young scientists, education and grants, and many other features.

<http://www.hhmi.org>

# Charles E. Culpeper Foundation Scholarships in Medical Science

The Charles E. Culpeper Foundation is currently accepting applications for its Year 2000 Scholarships in the 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 1991 or later (except under extraordinary circumstances, as approved by the Foundation); 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, 37 physicians have been selected as Charles E. Culpeper Foundation Medical Scholars. Deadline for applications is August 16, 1999. Awards will be announced in January 2000, for activation on or about July 1, 2000. For application forms and instructions, or additional information, contact:

Charles E. Culpeper Foundation at Financial Centre  
695 East Main Street  
Stamford, CT 06901-2155  
Phone: (203) 975-1240 • Fax: (203) 975-1847  
Web: [www.culpeper.org](http://www.culpeper.org)

## Postdoctoral Cellular Immunologists Positions

Dept. of Medicine, University of Western Australia, Sir Charles Gairdner Hospital  
Perth, Western Australia

Two postdoctoral immunologists are needed at the department of medicine, University of Western Australia, to work in a group utilizing T-cell receptor transgenic mice to analyze host anti-tumor immunity. The group is largely focused on analysis of specific anti-tumor responses, transfecting nominal antigens into tumor cells and utilizing the TCR transgenic cells to follow tumor-specific responses. As part of this work, we are studying the role of tumor-associated antigen presenting cells, local antigen presentation (using CSFE technology), the fate of specific T-cells (e.g., using various knockout mice), and epitope recognition (using tetramers plus *in vivo* and *in vitro* CTL assays). The group is also undertaking preclinical analysis of novel genetic therapies, from which novel clinical trials, e.g., using gene therapy, are being generated. The tumor immunology group consists of approximately 20 staff, with 7 postdoctoral scientists, 4 laboratory scientists, 5 Ph.D. students, several clinical staff, and 2 honors students.

For further information regarding the positions contact Professor Bruce W. S. Robinson at:  
[bwsrobin@cyllene.uwa.edu.au](mailto:bwsrobin@cyllene.uwa.edu.au)

Further information on the university may be found at:  
<http://www.uwa.edu.au>  
<http://www.wa.gov.au/watc>

## American Society of Tropical Medicine and Hygiene Courses

**Title: Review Course in Clinical Tropical Medicine and Travelers' Health**  
**Dates: September 23-24, 1999**  
**Location: San Francisco, CA**

This course is sponsored by the ASTMH in cooperation with the American Committee on Clinical Tropical Medicine and Travelers' Health (ACCTMTH). This is a two-day course designed for all health care providers working in tropical medicine or travelers' health, and for physicians planning to take the ASTMH-sponsored Certification Examination in Clinical Tropical Medicine and Travelers' Health. This course will provide sessions on tropical illness caused by viral, bacterial, mycobacterial, protozoal, helminthic and ectoparasitic agents. Information on pre- and post-travel consultations, immunizations and evaluations, and the proper care of moderate to high risk travelers with special needs, will also be presented. Speakers are internationally recognized authorities on tropical medicine and/or travelers' health. Following this course, attendees should be better able to advise overseas travelers and diagnose and treat ill returned travelers and those living in developing countries.

This course precedes the annual ICAAC meeting of the American Society for Microbiology. The certification examination of the ASTMH will be administered on November 27, 1999 in Washington, DC, preceding the ASTMH Annual Meeting.

**Title: Travel-Related Vaccine Preventable Illness**  
**Dates: November 27-28, 1999**  
**Location: Hilton Washington and Towers, Washington, DC**

This course is sponsored by the ASTMH in cooperation with the American Committee on Clinical Tropical Medicine and Travelers' Health (ACCTMTH).

This one and one-half day course will focus on current issues relating to the use of vaccines in travelers. The course will consider the use, indications, adverse events, efficacy, and cost effectiveness of vaccines such as those used to protect against hepatitis A and B, Japanese encephalitis, yellow fever, rabies, typhoid, meningococcal disease, anthrax and plague, among others. The course will also consider issues relating to the development and approval of vaccines, issues relating to the identification and education of travelers who may benefit from the administration of travel-related vaccines, and issues relating to the effectiveness of vaccine administration. Speakers are internationally recognized authorities on travel-related vaccines. The course will immediately precede, and occur in the same venue as, the ASTMH Annual Meeting.

For information on either course, or the ASTMH 48th Annual Meeting, contact:

Judy DeAcetis  
Administrative Director  
American Society of Tropical Medicine and Hygiene (ASTMH)  
60 Revere Drive, Suite 500  
Northbrook, IL 60062  
Phone: 847-480-9592  
Fax: 847-480-9282  
Email: [j.deacetis@astmh.org](mailto:j.deacetis@astmh.org)  
Web: [www.astmh.org](http://www.astmh.org)

# MEETING ANNOUNCEMENTS

## MAY

**16-20** *New World Science for the Next Millennium* sponsored by the American Society for Biochemistry and Molecular Biology, the Pan-American Society for Biochemistry, the Canadian Society of Biochemistry and Molecular and Cellular Biology and the Division of Biological Chemistry of the American Chemical Society. **Contact:** ASBMB Meeting Office, 9650 Rockville Pike, Bethesda, MD 20814-3998.

Phone: 301-530-7010 ♦ Fax: 301-530-7014

Email: gswindle@osmc.faseb.org

Web: [www.faseb.org/meetings/jointmt.htm](http://www.faseb.org/meetings/jointmt.htm)

**26-30** *5th International Symposium on the Immunotherapy of the Rheumatic Diseases* will be held in Limassol, Cyprus.

**Contact:** Symp. Secretariat, Dept. of Rheumatology, 5th Fl., Thomas Guy House, Guy's Hospital, London, UK SE1 9RT.

Phone: 44 171 955 4394 ♦ Fax: 44 171 955 2472

Email: s.dorward@umds.ac.uk

**27-29** *Second Interleukin-10 Workshop* will be held in the San Raffaele Biomedical Science Park, Milan, Italy. **Contact:**

Conference Secretariat, Elena Del Boca, Science Park RAF, Via Olgettina 58, 20132 Milano, Italy.

Phone: 39 02 2643 2454 ♦ Fax: 39 02 2643 3754

Email: delboca@spr.it

Web: [www.gla.ac.uk/IL10-Workshop](http://www.gla.ac.uk/IL10-Workshop)

**30-Jun. 4** *Gordon Research Conference in Immunochemistry and Immunobiology* will be held at Il Ciocco in Barga, Italy.

Web: [www.grc.uri.edu/99sched.htm](http://www.grc.uri.edu/99sched.htm)

Online application: [www.grc.uri.edu/attend.htm](http://www.grc.uri.edu/attend.htm)

## JUNE

**2-5** *19th Annual Meeting of the American Society for Reproductive Immunology "Trends in Reproductive Immunology for the next Millennium"* will be held at the Otesaga Resort Hotel, Cooperstown, NY.

Email: pillai@smtpgw2.musc.edu

**13-18** *The 58th Annual Meeting of the Society for Developmental Biology* will be held at the University of Virginia, Charlottesville, VA. **Contact:** SDB, 9650 Rockville Pike, Bethesda, MD 20814.

Fax: 301-571-5704

Email: ichow@faseb.org

Web: [sdb.bio.purdue.edu](http://sdb.bio.purdue.edu)

**17-19** *X Symposium on HIV Infection* will be held in Toulon, France. **Contact:** A. Conseil, 7 Boulevard de Corbevoie, 92521, Neuilly sur Seine, France.

Fax: 33 1 46 4070 36

Email: BERANGERE.ALBINE@wanadoo.fr

**17-20** *7th European Meeting on Complement in Human Disease* will be held in Helsinki, Finland. **Contact:** Congress Secretariat, Complement in Human Disease, c/o Congrex Blue & White Conferences Oy, P.O. Box 81, Sulkapolku 3, 3rd Floor, FIN-00371 Helsinki, Finland.

Phone: 358 9 5607500 ♦ Fax: 358 9 56075020

Email: complement@bluewhiteconferences.fi

Web: [www.complement.helsinki.fi](http://www.complement.helsinki.fi)



## JULY

**6-7** *Update in Clinical Immunology* will be held in Bethesda, MD. The course is sponsored by the Association of Medical Laboratory Immunologists. Topics include: basic immunology, immunologic methods review, common problems in infectious disease serology, overview of autoimmunity, evaluation of immune deficiency, flow cytometry, molecular biology review, and case studies will be presented to augment lecture sessions. **Contact:** Kimberly Kempa, P.O. Box 325, Barnesville, MD 20838.

Email: [kempa\\_kimberly@isus.emc.com](mailto:kempa_kimberly@isus.emc.com)

Web: [www.amli.org](http://www.amli.org)

**7-10** *Twelfth Annual Meeting of the Association of Medical Laboratory Immunologists* will be held in Bethesda, MD.

**Contact:** Kimberly Kempa, P.O. Box 325, Barnesville, MD 20838.

Email: [kempa\\_kimberly@isus.emc.com](mailto:kempa_kimberly@isus.emc.com)

Web: [www.amli.org](http://www.amli.org)

**10-14** *The American Society for Virology 18th Annual Scientific Meeting* sponsored by the University of Massachusetts will be held in Amherst, MA. **Contact:** Dr. Sidney E. Grossberg, Secretary-Treasurer, American Society for Virology, Dept. of Microbiology and Molecular Genetics, Medical College of Wisconsin, 8701 Watertown Plank Road, Milwaukee, WI 53266-0509.

Phone: 414-456-8104 • Fax: 414-456-6566

Email: [segrossb@mcw.edu](mailto:segrossb@mcw.edu)

Web: [www.mcw.edu/asv/1999mtg.html](http://www.mcw.edu/asv/1999mtg.html)

**11-16** *FASEB Summer Research Conference on Phylogenetic Perspectives on the Vertebrate Immune System* will be held at Copper Mountain, Colorado. Meeting chairs: Gregory Beck, Manickam Sugumaran and Edwin L. Cooper. **Contact:** FASEB Summer Research Conferences, 9650 Rockville Pike, Bethesda, MD 20814-3998.

Fax: 301-571-0650

Email: [ahewitt@faesb.org](mailto:ahewitt@faesb.org)

Web: [www.faseb.org](http://www.faseb.org)

**17-23** *24th International Herpesvirus Workshop* will be held at the Massachusetts Institute of Technology. **Contact:** MIT Conference Services, Events and Information Center.

Phone: 617-253-1700 • Fax: 617-258-7005

Email: [conf-serv-www@mit.edu](mailto:conf-serv-www@mit.edu)

Web: [web.mit.edu/conf-serv/www/herpesvirusworkshop](http://web.mit.edu/conf-serv/www/herpesvirusworkshop)

**19-21** *AAI Advanced Course in Immunology* will be held at the University of California-Berkeley. **Contact:** Linda Nelson, UC-San Diego, 9500 Gilman Dr., La Jolla, CA 92093-0687.

Phone: 619-534-0625 • Fax: 619-534-5611

Email: [linda@biomail.ucsd.edu](mailto:linda@biomail.ucsd.edu)

**24-28** *13th Symposium of The Protein Society* will be held at the John B. Hynes Veterans Memorial Convention Center in Boston, MA. **Contact:** OSMC, 9650 Rockville Pike, Bethesda, MD 20814-3998.

Phone: 301-530-7009 • Fax: 301-530-7014

Email: [eb@faseb.org](mailto:eb@faseb.org)

Web: [www.faseb.org](http://www.faseb.org)

## AUGUST

**1-6** *13th International Conference on Lymphoid Tissues in Immune Reactions* (13th Germinal Center Conference) will be held in Geneva, Switzerland. **Contact:** Jacqueline Ntah, Conference Secretariat, 13th GCC, Dept. of Pathology, University of Geneva, 1, rue Michel Servet, CH-1211 Geneva 4, Switzerland.

Phone: 41 22 702 57 45 • Fax: 41 22 702 57 46

Email: [jacqueline.ntah@medecine.unige.ch](mailto:jacqueline.ntah@medecine.unige.ch)

**22-26** *The Alfred Benzon Symposium No. 46: Molecular Mechanisms of Innate Immunity* will be held in Copenhagen, Denmark. **Contact:** Alfred Benzon Foundation, Strandvejen 203, DK-2900 Hellerup, Denmark, att. Ms. Birgit Dalgaard.  
Phone: 45 3962 0937 ♦ Fax: 45 3962 0933  
Email: benzon@post1.tele.dk  
Web: www.benzon-symposia.dk

## SEPTEMBER

**8-10** *The First International Congress on Cytokines and Chemokines in Infectious Diseases* will be held at the Natcher Conference Center on the NIH Campus in Bethesda, MD. This meeting is sponsored by The International Immunocompromised Host Society and The National Institute of Allergy and Infectious Diseases. **Contact:** 3224 Brooksong Way, Dacula, GA 30019.  
Phone 770-271-8817 ♦ Fax: 770-271-3317  
Email: wsnow@bellsouth.net  
Web: www.ichs.org

**8-10** *Seventh International Conference on Human Antibodies & Hybridomas* will be held at the Royal College of Physicians, Edinburgh, Scotland, UK. Sponsored by the International Journal Human Antibodies, in association with The Rajko Medenica Research Foundation. **Contact:** John Herriot, HAH'99, Meetings Management, Hart House, No. 4 The Hart, Farnham, Surrey, GU9 7HA, UK.  
Phone: 44 (0)1252 726066 ♦ Fax: 44 (0)01252 723303  
Email: jherriot@meetingsmgmt.u-net.com

**19-23** *Third European Symposium of The Protein Society* will be held in Garmisch-Partenkirchen, Germany. **Contact:** OSMC, 9650 Rockville Pike, Bethesda, MD 20814-3998.  
Phone: 301-530-7009 ♦ Fax: 301-530-7014  
Email: eb@faseb.org  
Web: www.faseb.org

**22-26** *The 15th International Congress of the Society for Leukocyte Biology* will be held at Churchill College, Cambridge University, UK. Abstract deadline: May 5, 1999. **Contact:** SLB, 9650 Rockville Pike, Bethesda, MD 20814.  
Fax: 301-571-5704  
Email: slb@faseb.org  
Web: www.biosci.ohio-state.edu/~slb/

## OCTOBER

**4-6** *Antibodies 1999* will be held in New York City, NY at the Manhattan Conference Center. **Contact:** Lynne A. Harmer, Cancer Research Institute, 681 Fifth Ave., New York, NY 10022.  
Phone: 212-688-7515 ♦ Fax: 212-832-9376  
Email: cancerres@aol.com  
Web: www.cancerres.org

**4-6** *Cancer Immun surveillance 1999* will be held at the Manhattan Conference Center, New York, NY. **Contact:** Lynne A. Harmer, Cancer Research Institute, 681 Fifth Ave., New York, NY 10022.  
Phone: 212-688-7515 ♦ Fax: 212-832-9376  
Email: cancerres@aol.com  
Web: www.cancerres.org

**8-10** *6th International Workshop on Langerhans Cells* will provide a forum for an exchange of ideas and information on the cutting edge of research on Langerhans cells (LC) and other dendritic antigen presenting cells. Topics include functions of LC/dendritic cells; host defenses; allergy, autoimmunity and tolerance; dendritic cells in disease; and molecular approaches and gene therapy. The three-day meeting will include plenary lectures, workshops and poster

sessions. The meeting is organized by the Department of Dermatology at the Joan and Sanford I. Weill Medical College at Cornell University. **Contact:** IWLC, 820 West Superior Ave., Suite 340, Cleveland, OH 44113-1800.  
Phone: 216-579-9344 • Fax: 216-579-9333  
Email: cockburn@sidnet.org

**10-15 Bat-Sheva Seminar on Innate Immunity** will be held at the Moriah Hotel in Zichron-Yaakov, Israel. **Contact:** InTour Travel Agency, Kiryat Ono, 3, Ha-Haganah St., PO Box 9095, Ramat-Gan 52190, Israel.  
Phone: 972 3 6355038 • 972 3 6406098 • Fax: 972 3 5351103  
Email: mrgzur@ibm.net or intour@ibm.net

**24-28 Fifth Congress of the International Xenotransplantation Association** will be held in Nagoya, Japan. **Contact:** Central Business Office, The Transplantation Society, 205 Viger Ave. West, Ste. 201, Montreal, Quebec, Canada H2Z 1G2.  
Phone: 514-874-1998 • Fax: 514-874-1580  
Email: felicissimo@total.net

## DECEMBER

**2-4 VII International Symposium on Sjögren's Syndrome** will be held in Venice, Italy. Abstract submission deadline: August 15. **Contact:** Scientific Secretariat, Clinical & Experimental Rheumatology, via S. Maria, 31, 56126 Pisa, Italy.  
Phone: 39 050 40124 • Fax: 39 050 502299  
Email: marconcini@clinexprheumatol.org  
Web: www.sistemacongressi.com/sjogren

**5-9 7th Annual Meeting of the International Cytokine Society** will be held in Hilton Head, SC. The meeting covers a broad range of topics on cytokines from the lab to the clinic. Cytokines will include interleukins, hematopoietic factors, chemokines, interferons, the TNF family, TGFs and others. Processes will include cell biological topics of growth, differentiation, death, and roles in pathological processes and therapeutic applications relevant to cytokines. The program will be equally divided among invited speakers and submitted abstracts. **Contact:** ICS, Biotech Park, Suite 9, 1021 15th St., Augusta, GA 30901.  
Phone: 706-722-7511 • Fax: 706-722-7515  
Email: maps@csranet.com  
Web: bioinformatics.weizmann.ac.il/cytokine/hhead1999.htm

## FUTURE MEETINGS

**Jan. 9-12, 2000 42nd Annual Clinical Conference & 52nd Annual Symposium on Cancer Research: Cancer Research at the Millennium** will be held at the Westin Galleria Hotel in Houston, Texas. **Contact:** Office of Conference Services, UT M.D. Anderson Cancer Center.  
Phone: 713-792-2222 • Fax: 713-794-1724  
Web: www.mdacc.tmc.edu/~meetings

**May 12-16, 2000 AAI Annual Meeting** will be held in Seattle, WA. **Contact:** AAI, 9650 Rockville Pike, Bethesda, MD 20814.  
Phone: 300-530-7178 • Fax: 301-571-1813  
Email: infoaai@aai.faseb.org  
Web: www.scienceXchange.com/aai

**Jul. 8-12, 2000 The American Society for Virology 19th Annual Scientific Meeting** sponsored by the Colorado State University will be held in Fort Collins, CO. **Contact:** Dr. Sidney E. Grossberg, Secretary-Treasurer, Society for Virology, Dept. of Microbiology and Molecular Genetics, Medical College of Wisconsin, 8701 Watertown Plank Road, Milwaukee, WI 53266-0509.  
Phone: 414-456-8104 • Fax: 414-456-6566  
Email: segrossb@mcw.edu  
Web: www.mcw.edu/asv/meetings.html

**Jul. 23-27, 2000** *The International Complement Workshop XVIII* will be held at the Snowbird Ski and Summer Resort in Salt Lake City, UT. **Contact:** Conferences & Institutes, Room 2174, 1901 East South Campus Dr., Salt Lake City, UT 84112-9359.

Phone: 801-581-5809 ♦ Fax: 801-581-3165

Email: confer@admin.dce.utah.edu

Web: conferences.utah.edu/complement/index.html

**Sep. 19-20, 2000** *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

**Mar. 31-Apr. 4, 2001** *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. 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.

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.faseb.org/aspet

---

The 1999 **Marine Biological Laboratory** (MBL) course schedule is now available. For application forms and information about MBL educational programs contact:

Carol Hamel, Admissions Coordinator

Marine Biological Laboratory

7 MBL Street

Woods Hole, MA 02543-1015

Phone: 508/289-7401

Email: admissions@mbledu

Web: www.mbledu

The 1999 **Jackson Laboratory** Courses and Conferences Program schedule is now available. For application forms and information about the Jackson Laboratory courses and conferences programs contact:

Phone: 207/288-6262

Email: education@jax.org

Web: www.jax.org/courses

**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.scienceXchange.com/aai

**QUALIFICATIONS AND APPLICATION FOR REGULAR MEMBERSHIP  
1999 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.

Applications received between **October 1** and **March 1** will be reviewed at the Spring Council Meeting. Applications received between **April 1** and **September 1** will be reviewed at the Fall Council Meeting.

---

1999 Dues Rates: 1 January - 31 December:   **U.S. - \$225.00**   **Canadian - \$323.00**   **International - \$315.00**

# 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.scienceXchange.com/aai

## 1999 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 1999

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.

22 AAI NEWSLETTER

## 1999 Member Contributions

We would like to take this opportunity to acknowledge and thank those members who have so generously made a special contribution to the AAI. These very valuable donations help support many of the association's programs, including Public Affairs, production of the AAI newsletter and website, the annual meeting, and committee activities.

Abul K. Abbas, M.B., B.S.	David A. Clark, M.D., Ph.D.
George N. Abraham, M.D.	Stephen H. Clarke, Ph.D.
Rafi Ahmed, Ph.D.	Erik De Clercq, M.D., Ph.D.
Saleh A. Al-Harbi, Ph.D., MBBCH, MA	Harvey R. Colten, M.D.
Mark R. Albertini, M.D.	Giampietro Corradin, Ph.D.
James P. Allison, Ph.D.	Joseph E. Craft, M.D.
Ellsworth C. Alvord, M.D.	Jim E. Cutler, Ph.D.
Claudio Anasetti, M.D.	Marc Daeron, M.D., Ph.D.
David W. Anderson, Ph.D.	John R. David, M.D.
Alexzander A. Asea, Ph.D.	Laurie S. Davis, Ph.D.
Richard B. Bankert, V.M.D., Ph.D.	Marc De Baets, M.D., Ph.D.
Teresa Barlozzari, Ph.D.	Jan E. de Vries, Ph.D.
Robert E. Baughn, Ph.D.	George S. Deepe, M.D.
Thomas Baumruker, Ph.D.	Alexander Dent, Ph.D.
Dennis J. Beer, M.D.	Betty Diamond, M.D.
Robert B. Bell, M.D., F.R.C.P. (C)	George A. DosReis, M.D., Ph.D.
Ira Berkower, M.D., Ph.D.	Barbara L. Doughty, Ph.D.
Byron S. Berlin, M.D.	Wesley Dunnick, Ph.D.
Rupert E. Billingham, D.Sc.	Bo Dupont, M.D., D.Sci.
Barbara K. Birshtein, Ph.D.	Scott Kenneth Durum, Ph.D.
Bonnie Blomberg, Ph.D.	Richard W. Dutton, Ph.D.
Livia Blum, Ph.D.	Laurel A. Eckhardt, Ph.D.
Pierre Bongrand, M.D., Sc.D.	Joseph J. Eiden, Jr., Ph.D.
Ezio Bonvini, M.D.	Robert A. Eisenberg, M.D.
Walter E. Brandt, Ph.D.	Steven N. Emancipator, M.D.
Eric J. Brown, M.D.	Suzanne L. Epstein, Ph.D.
Eugene C. Butcher, M.D.	Pila Estess, Ph.D.
Steve E. Calvano, Ph.D.	Elsie M. Eugui, Ph.D.
Andre Capron, M.D., Ph.D.	Robert L. Fairchild, Ph.D.
Charles B. Carpenter, M.D.	Donald I. Feinstein, M.D.
Antonio Celada, M.D., Ph.D.	Ten Feizi, M.D., FRCP, FRCPath
Andrea Cerutti, M.D.	Gabriel Fernandes, Ph.D.
Dominique J. Charron, M.D., Ph.D.	Nili Feuerstein, Ph.D.
Jianzhu Chen, Ph.D.	John F. Finerty, Ph.D.
Anthony B. Chen, Ph.D.	Mary A. Fink, Ph.D.
Yiyu Chen, Ph.D.	Frank W. Fitch, M.D., Ph.D.
Francis V. Chisari, M.D.	Thomas A. Fleisher, M.D.
Yongwon Choi, Ph.D.	Ana Flisser, Ph.D.
In-Hong Choi, Ph.D., M.D.	Herbert A. Freedman, Ph.D.
Albert Michael Churilla, Jr., Ph.D.	John G. Frelinger, Ph.D.

Lars Fugger, M.D.  
 Shigeyoshi Fujimoto, M.D., Ph.D.  
 Teizo Fujita, M.D., Ph.D.  
 Hiromi Fujiwara, M.D., Ph.D.  
 Ann E. Gabrielsen, Ph.D.  
 Joseph H. Gainer, D.V.M.  
 Robin Lee Geller, Ph.D.  
 Domenico Geraci, D.Sc.  
 Ronald N. Germain, M.D., Ph.D.  
 Berhane Ghebrehiwet, D.V.M., D.Sc.  
 Irma Gigli, M.D.  
 Ronald G. Gill, Ph.D.  
 Alvaro A. Giraldo, M.D.  
 Giuseppe Del Giudice, M.D.  
 Bruce Glick, Ph.D.  
 Henry P. Godfrey, M.D., Ph.D.  
 Richard Goldsby, Ph.D.  
 Neil S. Greenspan, M.D., Ph.D.  
 Erich Gulbins, M.D., Ph.D.  
 Ines Gutgemann, M.D.  
 Tai-You Ha, M.D., Ph.D.  
 Bevra H. Hahn, M.D.  
 Nobuaki Hama, M.D.  
 Toshiyuki Hamaoka, M.D.  
 W. Carey Hanly, Ph.D.  
 Wendy L. Havran, Ph.D.  
 Ellen Heber-Katz, Ph.D.  
 Martin E. Hemler, Ph.D.  
 Yasushi Higashi, Ph.D.  
 M. Michele Hogan, Ph.D.  
 David A. Holowka, Ph.D.  
 Hui-Chen Hsu, Ph.D.  
 Thereza Imanishi-Kari, Ph.D.  
 Reiko F. Irie, M.D.  
 Yoshiaki Ishigatsubo, M.D., Ph.D.  
 Sho Ishikawa, M.D., Ph.D.  
 Hiromichi Ishikawa, M.D.  
 Kimishige Ishizaka, M.D., Ph.D.  
 Michael G. Iverson, Ph.D.  
 Charles A. Janeway, Jr., M.D.  
 M. L. Jelachich, Ph.D.  
 Kee-Ching George Jeng, Ph.D.  
 Terutaka Kakiuchi, M.D.  
 Francis Kalush, Ph.D.  
 Melvin H. Kaplan, M.D.  
 Judith A. Kapp, Ph.D.  
 Tsuyoshi Kasama, M.D., Ph.D.  
 Douglas Jun Kawahara, Ph.D.  
 Yoon B. Kim, M.D., Ph.D.  
 Byung-Sam Kim, Ph.D.  
 Katherine L. Knight, Ph.D.  
 Tetsuji Kobata, M.D., Ph.D.  
 Kazuo Kobayashi, M.D.  
 Somei Kojima, M.D.  
 Akihiro Kondo, Ph.D.  
 Gloria C. Koo, Ph.D.  
 Masahiro Koshiba, M.D., Ph.D.  
 Ada M. Kruisbeek, Ph.D.  
 Ralph T. Kubo, Ph.D.  
 Tetsuo Kubota, M.D.  
 Nicholas F. Landolfi, Ph.D.  
 Hern-Ku Lee, M.D., Ph.D.  
 Huan-Yao Lei, Ph.D.  
 Myron A. Leon, Ph.D.  
 David B. Lewis, M.D.  
 Yee-Shin Lin, Ph.D.  
 Miguel Lopez-Botet, M.D.  
 Edith M. Lord, Ph.D.  
 Cornelis J. Lucas, Ph.D.  
 Nicholas W. Lukacs, Ph.D.  
 Joan K. Lunney, Ph.D.  
 H. F. Maassab, Ph.D.  
 Tak W. Mak, Ph.D.  
 Mark J. Mamula, Ph.D.  
 John A. Mannick  
 David H. Margulies, M.D., Ph.D.  
 Michael S. Marks, Ph.D.  
 Lina Matera, Ph.D.  
 Sho Matsushita, M.D., Ph.D.  
 Lloyd F. Mayer, M.D.  
 Makoto Mayumi, M.D.  
 Amitabha Mazumder, M.D.  
 James McCluskey, FRACP, FRCPA, M.D.  
 Roger W. Melvold, Ph.D.  
 Aldo Misefari, M.D.  
 Masayuki Miyasaka, M.D., Ph.D.  
 Shyam S. Mohapatra, Ph.D.  
 John J. Monaco, Ph.D.  
 Kamal D. Moudgil, M.D., Ph.D.  
 Kaja Murali-Krishna, Ph.D.  
 George B. Naff, M.D.  
 Yasunari Nakamoto, Ph.D., M.D.  
 Minoru Nakamura, M.D., Ph.D.  
 Hideo Nariuchi, M.D., Ph.D.



Garry A. Neil, MD, FACP, FACC	Gerold Schuler, M.D.	Takeshi Yoshida, M.D.,
Patricia Anne Nelson, Ph.D.	Ronald H. Schwartz, M.D., Ph.D.	Yasunobu Yoshikai,
Shigeaki Nonoyama, M.D., Ph.D.	Robert H. Scofield, M.D.	M.D., Ph.D.
Rebecca L. O'Brien, Ph.D.	Roland Scollay, Ph.D.	Faith M. Young, M.D.
Anne M. O'Rourke, Ph.D.	Shamala Devi Sekaran, Ph.D.	Yeon-Sook Yun, Ph.D.
Tomio Masahide Abe Ogata, M.D.	Ben K. Seon, Ph.D.	Norman Zamcheck, M.D.
Jung H. Oh, M.D., Ph.D.	Denise R. Shaw, Ph.D.	Scott S. Zamvil, M.D., Ph.D.
Lloyd J. Old, M.D.	Shinji Shimada, M.D., Ph.D.	Martin Zeitz, M.D.
Nancy J. Olsen, M.D.	Nobukata Shinohara, M.D.	Janice M. Zeller, Ph.D.
Kaoru Onoue, M.D., D.M.S.	Toshikazu Shirai, M.D.	Li Zhang, Ph.D.
Toshiaki Osawa, Ph.D.	Michail V. Sitkovsky, Ph.D.	Hong Zhou, Ph.D.
Yong-Ling P. Ow	Stacy C. Smith, M.D.	Laurence Zitvogel, M.D., Ph.D.
Ray D. Owen, Ph.D., Sc.D.	Elizabeth M. Smithwick, M.D.	Robert B. Zurier, M.D.
Lauren M. Pachman, M.D.	Ralph Snyderman, M.D.	
Roger G. E. Palfree, Ph.D.	Mark J. Soloski, Ph.D.	
David C. Parker, Ph.D.	Hans L. Spiegelberg, M.D.	
Jane R. Parnes, M.D.	Celsa A. Spina, Ph.D.	
Donna M. Paulnock, Ph.D.	E. William St. Clair, M.D.	
Josef M. Penninger, M.D, Ph.D.	Thomas H. Stanton, Ph.D.	
Jeffrey D. Peterson, Ph.D.	B. David Stollar, M.D.	
Marshall Plaut, M.D.	Terry B. Strom, M.D.	
Aresio Plaza-Lopez, M.D., Ph.D.	Tetsuzo Sugisaki, M.D.	
Jean Plum, M.D., Ph.D.	Marcelo B. Sztejn, M.D.	
Roberta Rollene Pollock, Ph.D.	Hidemi Takahashi, M.D., Ph.D.	
Robert A. Prendergast, M.D.	Yoshinari Takasaki, M.D., Ph.D.	
Chisei Ra, M.D., Ph.D.	Tadatsugu Taniguchi, Ph.D.	
Malini Raghavan, Ph.D., B.Sc.	James W. Thomas, M.D.	
Anjana Rao, Ph.D.	Motomichi Torisu, M.D., Ph.D.	
Donald C. Reason, Ph.D.	George C. Tsokos, M.D.	
Robert R. Rich, M.D.	Moriya Tsuji, M.D., Ph.D.	
Ellen R. Richie, Ph.D.	Stephen R. Turner, Ph.D.	
Gert J. C. Riethmuller, M.D.	Keiji Udaka, M.D., Ph.D.	
Jerome Ritz, M.D.	Toshimitsu Uede, M.D., Ph.D.	
Kevan Roberts, Ph.D.	Anne M. Van Buskirk, Ph.D.	
John Robert Rodgers, Ph.D.	Wim Vuist, Ph.D.	
Derry C. Roopenian, Ph.D.	David R. Webb, Ph.D.	
Thomas L. Rothstein, M.D., Ph.D.	Ole Werdelin, M.D.	
Nancy H. Ruddle, Ph.D.	William G. Wu, Ph.D.	
Jorgen Rygaard, M.D., Ph.D.	Carl J. Wust, Ph.D.	
Tatsuo Saito-Taki, Ph.D.	Junji Yagi, M.D.	
Shimon Sakaguchi, M.D., Ph.D.	Hidetaka Yakura, M.D., Ph.D.	
Mauro S. Sandrin, Ph.D.	Shizuo Yamamoto, D.V.M., Ph.D.	
Apurva Sarin, Ph.D.	Hiroshi Yamamoto, Ph.D.	
Takehiko Sasazuki, M.D.	Uki Yamashita, M.D.	
Kazuto Sato, M.D.	Kozo Yokomuro, M.D.	
Paul R. Scholl, MRCB	Mitchel M. Yokoyama, M.D.	
Rachel D. Schrier, Ph.D.		

## ADVERTISE POSITIONS FREE OF CHARGE

The American Association of Immunologists offers to educational and nonprofit institutions free placement of ads on its homepage . We accept ads for training, (student, post-doc), faculty, and staff (research associates, research assistants, instructors) positions. Your listing will remain posted for 60 days unless we are otherwise notified.

To advertise your vacancies, send an email to the AAI Webmaster at [aaiwebmaster@ScienceXchange.com](mailto:aaiwebmaster@ScienceXchange.com). The message should include one of the following subject headings:

AAI Graduate Program Listing  
AAI Postdoctoral Position Listing  
AAI Faculty Position Listing  
AAI Research Scientist Listing

For further information or questions contact:

American Association of Immunologists  
9650 Rockville Pike  
Bethesda, MD 20874  
FAX (301) 571-1816  
Email: [comley@aai.faseb.org](mailto:comley@aai.faseb.org)  
[www.scienceXchange.com/aai](http://www.scienceXchange.com/aai)

---

THE AMERICAN ASSOCIATION OF IMMUNOLOGISTS  
9650 ROCKVILLE PIKE BETHESDA, MARYLAND 20814-3994

Non Profit Org.  
U.S. Postage  
PAID  
Bethesda, MD  
Permit 1126