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THE AMERICAN ASSOCIATION OF
IMMUNOLOGISTS
AAI NEWSLETTER

FOCUS ON PUBLIC AFFAIRS

As of this writing, it is two months after the 2000 national election and we know a whole lot more today than we did in November. We know who the next President and Vice President of the United States will be. We know that the Senate is evenly split, 50 Republicans and 50 Democrats, with a Republican Vice-President breaking any ties. We know that the Republicans hold a slim majority in the House of Representatives (221-211, plus two independents who generally split and one Democratic vacancy due to a recent death), for an expected Republican margin of only five votes. We also know that our House champion on biomedical research issues, Rep. John Porter (R-10th, IL), the Chairman of the House Appropriations Subcommittee on Labor, Health and Human Services, and Education (which funds NIH), retired at the end of the 106th Congress. And we know that, more than 70 days after the beginning of FY2001, a "final" agreement on an appropriations bill funding NIH was reached and signed into law. This agreement gives NIH a funding increase of \$2.5 billion (14%), for a total budget of \$20.313 billion.

What we still don't know, however, will greatly impact the future of biomedical research in the four years to come:

1. How will the Senate's new "power sharing" arrangement work? With Republicans given the Committee chairmanships and Democrats given equal representation (and staff) on every Committee, how will the Senate avoid deadlock? And with Democrats' new clout, will Senate Health, Education, Labor and Pensions Committee Ranking Member Ted Kennedy (D-MA) try to move forward with an NIH reauthorization bill?
2. Will the new Chair of the House Labor/HHS Appropriations Subcommittee, Rep. Ralph Regula (R-OH), be as devoted to improving the nation's commitment to biomedical research as was Chairman Porter?
3. How will Wisconsin Governor Tommy Thompson, President-Elect Bush's nominee to be the next Secretary of Health and Human Services, influence policies and research at NIH, especially considering of his strong "pro-life" views? And who will be the next Director of NIH, which has jurisdiction over that which impacts on so many of us?

In fact, despite the uncertainty and acrimony of recent weeks, this has been a fascinating time for Americans of every stripe. Rarely is the stuff of each day's newspaper such "history in the making", and rarely have current events so engaged the public and highlighted the brilliance of the Founding Fathers' foresight. We may be in a period of political uncertainty that is almost unprecedented and have hit some real rocks in the road, but life goes on for the American people, there is no "constitutional crisis", and a new President will be inaugurated on January 20, 2001. While many say the 2000 election shows the country is deeply divided, a strong case can be made that this closely contested Presidential election, coupled with small and no clear majorities in the two legislative chambers, strengthens "the middle" and those who will compromise and reach consensus. This could be good news for biomedical research, an area of strong bipartisan agreement.

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The need to reach for middle ground in a potentially deadlocked political arena is a message being received loud and clear by the advocacy community, and in a way that was incomprehensible only weeks ago. For example, *National Journal's CongressDaily* recently reported that three health groups had formed an "unusual alliance" in an effort to promote a plan, now in its preliminary stages, to expand health insurance options for low-income working Americans. Two of these three groups are not mere political adversaries but political enemies: Families USA (representing consumers) and the Health Insurance Association of America (representing health insurance companies). That this kind of "alliance" could spring up just weeks after the election, and when there was no clear winner in sight, is evidence enough that even the most politically powerful, well-funded, well established advocacy/lobbying organizations in the country recognize a new political reality: middle ground.

If this is true, there are two lessons for us:

1. our public advocacy and legislative efforts must be bipartisan and broad-based, reaching members across the political spectrum; and
2. voters have opinions that decide elections, and they must be educated about the importance of biomedical research.

As Al Gore looks back on this historical election, he must wonder if he had shaken a few more hands, explained his Medicare plan one more time, or visited one or another states once more, he'd be announcing his Cabinet officials instead of packing his bags. Let's learn that hard lesson from him and educate as many people as we can in Congress, the agencies, and the public, about the importance and promise of biomedical research and in particular, about advances in immunology that will make a difference in their lives and in the lives of their loved ones. There are many ways to do this, but there is no better way than to become active in one's own community. As the late House Speaker Tip O'Neill famously observed, "Politics is local." So join AAI in educating your Senators and Representatives (we can help you with the information you want to communicate in the language they'll understand) and your community about important developments in immunology and biomedical research so that voters across the country will understand the societal and personal benefits of such research.

If you thought your vote didn't count, this election must have made you think again. And you're only one of 140 million voters. As an immunologist and AAI member, you are one of only 6,000 experts across this country who can articulate our message to the American people and their representatives in Congress. We can help. So can you.

Lauren G. Gross
Director of Public Policy and Government Affairs

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 the goal of supporting innovative approaches to the study of asthma. The application is streamlined, with a fast turnaround time. The Sandler Program seeks to attract investigators from outside the field, and does not require prior studies regarding asthma. Applications are required to show 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, or go to the Sandler Program for Asthma Research web site at www.sandlerresearch.org.

AAI Co-Sponsors Porter Retirement Reception

AAI joined with dozens of leading research and health-related organizations in co-sponsoring a Capitol Hill reception to honor retiring Congressman John Porter (R-10th, IL). Porter, who has served as Chairman of the House Appropriations Subcommittee on Labor, Health and Human Services, and Education for 6 years, has been a strong supporter of biomedical research and a leader in the effort to double the funding for the National Institutes of Health. The reception provided an opportunity for many in the biomedical research community to express appreciation to the Chairman, who indicated that he intends to continue his work in this area after his retirement from Congress.

AAI was represented at the December 1 reception by Robert Rich, AAI representative to the FASEB Board, AAI representative to the FASEB Public Affairs Executive Committee, and President-Elect of FASEB; M. Michele Hogan, AAI Executive Director, and Lauren G. Gross, AAI Director of Public Policy and Government Affairs.



(L-R) M. Hogan, J. Porter, R. Rich, L. Gross

Additional H-1B Provisions Which May Affect Your Institution

On October 17, 2000, the President signed into law the "American Competitiveness in the Twenty-First Century Act," which includes the permanent exclusion of all nonimmigrant aliens employed by nonprofit research organizations, academic institutions, and governmental research organizations from the overall H-1B visa cap. In addition to this exemption, nonprofit research institutes remain exempt from visa application fees charged to commercial employers. The new law also includes several other provisions regarding change of employment for H-1B holders and green card status listed below.

First, the new law provides that an H-1B holder may now accept new employment immediately upon the filing of a change of employer petition by the prospective employer. Employment for this person may continue until the petition is considered. If it is denied, then authorization to work for the new employer will cease. This provision includes all petitions for a change of employer filed before, on, or after October 17, 2000.

This act also now allows H-1B visa holders to remain in the U.S. while their green card application is pending. Normally, H-1B visas are valid for three years and may be renewed once, for a total of six years. This bill allows H-1B holders to remain beyond this six year period.

Finally, foreign workers who have had a green card application pending for more than 180 days are no longer required to wait until the approval of their application to seek new employment as long as they remain in the same or a similar occupation.

If you would like to review the full text of the new H-1B visa laws, you may go to the World Wide Web at <http://thomas.loc.gov>. It is public law number 106-313.

Members in the News

Retiring Congressman Porter Endows Chair in Biomedical Research; AAI Member Stephen D. Miller Named to Professorship

Retiring Congressman John Porter (R-10th, IL), the long-term chairman of the House

Appropriations Subcommittee on Labor, Health and Human Services, and Education and an ardent supporter of biomedical research, will donate his unused campaign funds to endow a Professorship of Biomedical Research at the Northwestern University Medical School. AAI member Stephen D.

Miller, Professor of Microbiology-Immunology and Director of the Interdepartmental Immunobiology Center at Northwestern University Medical School, has been named to the professorship.



Miller is a leading researcher in the cellular and molecular mechanisms of autoimmune diseases and is the director of the Immunology and Molecular Pathogenesis Training Program. The National Multiple Sclerosis Society and the NIAMS, NCRR and NIAID at NIH support his research and training programs.

“It is a distinct honor to have been awarded the Congressman John Porter Chair, particularly due to his tireless efforts over the last decade to significantly increase Congressional funding for biomedical research,” Miller said.

Porter, who has received AAI’s Public Service Award for his unwavering dedication to - and leadership in - promoting increased funding for biomedical research, is retiring from Congress in early January 2001. He will donate the approximately \$325,000 in unused campaign funds to Northwestern, his alma mater, which will establish the perpetual professorship in Porter’s name. Northwestern’s goal for the endowment is \$2 million. Private donations will provide the balance of the endowment. Dr. Amelia Applebaum, Associate Dean for Medical Development at Northwestern University, is the director of this endowment program.

Dr. Miller has been an AAI member since 1977 and is currently a member of the AAI Publications Committee.

Ralph S. Freedman, M.D., Ph.D., Appointed Member of the National Cancer Advisory Board

Ralph S. Freedman, M.D., Ph.D., UT MD Anderson Cancer Center, has been appointed a member of the National Cancer Advisory Board by President Clinton. As part of the 18 member advisory board, Dr. Freedman will provide advice to the

President, the secretary of the Department of Health and Human Services, and the director of the National Cancer Institute. He will serve a six year term.



“It is indeed an honor to be appointed by the President to the National Cancer Advisory Board and advise policy makers on the future of health care, specifically cancer care,” said Dr. Freedman. “It is very rewarding to work with patients every day and make a difference in their lives, but this appointment will give me the opportunity possibly to touch millions of Americans.”

Currently, Dr. Freedman is a gynecologist and professor of gynecologic oncology and director of the immunology and molecular biology laboratory in the Department of Gynecologic Oncology, as well as at MD Anderson. He is also an adjunct professor of obstetrics, gynecology and reproductive sciences at the University of Texas Houston Medical School. Dr. Freedman was born in Capetown, South Africa, and received his medical and Ph.D. degrees from Witwatersrand University in Johannesburg. He has served as a medical consultant for numerous national and international health and science organizations, including NASA, the World Health Organization, the National Cancer Institute and the National Federation of Cancer Centers in France.

Dr. Freeman has been an AAI member since 1994.

Ronald Levy, M.D., Awarded the “Key to the Cure Award” from the Cure for Lymphoma Foundation (CFL)

Ronald Levy, Stanford University, was awarded the “Key to the Cure Award” at the Cure For Lymphoma Foundation’s 6th

Annual Cabaret for the Cure on November 20, 2000. Dr. Levy was presented with the award for his cutting-edge research on a lymphoma vaccine. Dr. Levy has been an AAI member since 1977.

Photo by Ann Billingsley



Awardees (L-R) Drs. Coleman and Levy

Founded in 1994, the Cure For Lymphoma Foundation is a national not-for-profit organization dedicated to funding research and providing support and education to those whose lives have been touched by Hodgkin’s disease and non-Hodgkin’s lymphoma. Since its inception, CFL has committed nearly \$2.4 million to its research program. CFL funds the top lymphoma research scientists at major institutions and supports many scientific and survivorship conferences.

Burroughs Wellcome Fund Visiting Professorships Awards

Congratulations to the following AAI members who were awarded a Burroughs Wellcome Fund Visiting Professorship for the 2000/2001 series.

Jack L. Strominger, M.D.
Harvard University, MA

Carl H. June, M.D.
University of Pennsylvania School of Medicine, PA

William E. Paul, M.D.
National Institute of Allergy and Infectious Diseases, NIH, MD

Hidde L. Ploegh, Ph.D.
Harvard University Medical School, MA

Ralph Snyderman, M.D.
Duke University, NC

Sequella, Inc., Receives \$2.4 million Challenge Grant from the National Institute of Allergy and Infectious Diseases (NIAID)

Sequella, Inc., a biotechnology company focused on the development and commercialization of diagnostics, therapeutics and vaccines for the treatment of tuberculosis, has received a \$2.4 million Challenge Grant from the National Institute of Allergy and Infectious Diseases (NIAID) to accelerate its promising research on a new generation of antibiotics to battle tuberculosis.

The Challenge Grant Program is a new initiative of NIAID and is intended to encourage private-sector initiatives to help treat the world's most deadly infectious diseases, including tuberculosis (TB), malaria, influenza, and dengue virus. The Challenge Grants program, established through the support of the United States Congress, will award \$19 million to eight companies.

"Infectious diseases such as malaria, tuberculosis and influenza continue to take a devastating toll on people throughout the world," said AAI member Anthony S. Fauci, M.D., NIAID Director. "Forging partnerships with industry is an important part of NIAID's commitment to research on new ways to prevent and treat these diseases, and to move discoveries quickly from the laboratory to the clinic."

Through the grant, matching funds will be provided to Sequella over a three-year period to support research on a new generation of antibiotics to battle TB. The grant will enable Sequella researchers to step up their efforts to identify and test chemical variants of the TB drug ethambutol (EMB) with increased efficacy against *Mycobacterium tuberculosis*. EMB is often added to several other anti-TB agents to treat TB.

"New tools are clearly needed in the effort to control the growing global tuberculosis epidemic," said Leo Einck, President of Sequella, Inc. "TB is the world's second leading infectious disease killer. More than one-third of the world's people are infected with TB and 50 million of those are infected with Multi-Drug Resistant TB, a form of the disease immune to the most common, and least expensive, antibiotics. This grant will help us speed the search for more effective treatment options for all forms of TB, including drug resistant strains."

Sequella, Inc., headquartered in Rockville, MD, was founded in 1997 by AAI member Carol Nacy, who currently serves as the company's CEO. Sequella was formed to develop and market new products for the treatment of global infectious diseases that impact the public health. The company is focusing its initial development efforts on the diagnosis and treatment of TB. Sequella and its development partners are addressing the unmet needs of the TB marketplace through research to identify more effective diagnostics, therapeutics and vaccines for the treatment of the disease.

In Memoriam

Ramzi S. Cotran, M.D.

Ramzi S. Cotran, 67, died on October 23 in Brookline, Massachusetts. Dr. Cotran was chairman of both the Brigham and Women's Hospital and Children's Hospital Boston departments of pathology, and also was the Frank B. Mallory Professor of Pathology at Harvard Medical School. He was known for being the leading academic pathologist in the U.S., and authored the leading pathology textbook in the world, "*Pathologic Basis of Disease*".

Dr. Cotran was born in Haifa, Palestine. After attending the American University of Beirut, where he received his medical training, he went to Boston to study pathology and nephrology. He became the pathologist-in-chief at the Peter Bent Brigham Hospital in 1974. He held this position for 27 years. In 1990 Dr. Cotran was named chairman of the pathology department at Children's Hospital Boston.

During this past year, Dr. Cotran was awarded the Harvard Medical School's Lifetime Achievement Award in Mentoring and the Dean's Award for Support and Advancement of Women Faculty. He was also a member of the Institute of Medicine, the National Academy of Sciences, and the American Academy of Arts and Sciences. In honor of his many contributions in the field of academic pathology, Harvard Medical School recently established a professorship in his name.

Dr. Cotran had been an AAI member since 1981.

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

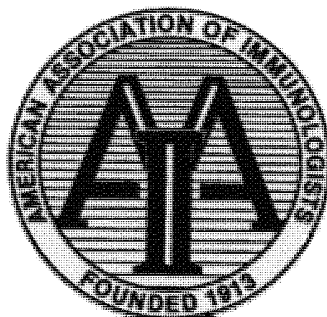
Edward H. Bloch, M.D., Ph.D. Joseph G. Feinberg, D.V.M.
Ramzi S. Cotran, M.D. Jacob C. Holper, Ph.D.

AAI Welcomes New Members

AAI would like to welcome the following new members. *

Toru Abo, M.D., Ph.D.	Jiahuai Han, Ph.D.	Lisa Miller, Ph.D.	Liang Tang, Ph.D.
Koichi Akashi, M.D., Ph.D.	Zarour M. Hassane, M.D.	Takashi Mishimura, Ph.D.	George Tellides, M.D., Ph.D.
Mary Antonysamy, Ph.D.	Linda D. Hazlett, Ph.D.	Hitoshi Mizutani, M.D., Ph.D.	Eileen Thacker, Ph.D.
Alejandro Aruffo, Ph.D.	James I. Healy, Ph.D., M.D.	Hector Molina-Vicenty, M.D.	Jayant Thatte, Ph.D.
Jory R. Baldrige, Ph.D.	Ann Hill, Ph.D.	Nancy Monson, Ph.D.	Masahide Tone, Ph.D.
Peter A. Barry, Ph.D.	Sachiko Hirose, M.D., Ph.D.	Ann Moriarty, Ph.D.	Martine Torres, Ph.D.
Jack R. Bennink, Ph.D.	John Hiscott, Ph.D.	Sylviane Muller, Ph.D.	Jose Torres, Ph.D.
Lisbeth R. Berrueta, M.D.	Shie-Liang Hsieh, D.Phil	Yasuhiko Munakata, M.D.	Sarah Townsend, Ph.D.
Pia Bjorck, Ph.D.	Bin Hu, M.D., Ph.D.	Masao Nagata, M.D., Ph.D.	Frederic Triebel, M.D., Ph.D.
Charles Allen Black, Ph.D.	Hua Huang, M.D., Ph.D.	Masanobu Nanno, Ph.D.	Hirokazu Tsuji, M.D.
Rainer Blasczyk, M.D.	Jianyong Huang, Ph.D.	Andrew Nelson, M.S., B.S.	Kangla Tsung, Ph.D.
Anna Marie Bloom, M.Sc.	Zhi H. Huang, Ph.D., M.D.	Hitoshi Nishimura, D.M.	Heiichiro Udono, Ph.D., M.D.
Dennis Burton, Ph.D.	Hiroaki Ito, M.D., Ph.D.	Martin Oaks, Ph.D.	Jesus Vallejo, M.D.
Ennio Carbone, M.D., Ph.D.	Theodore Jardetzky, Ph.D.	Emilia Oleszak, Ph.D.	Benoit Van Den Eynde, M.D., Ph.D.
Laura Carter, Ph.D.	YingPing Jiang, Ph.D.	Gabriela Pavlinkova, B.S.	Roel Van Der Veen, Ph.D.
Marilia Cascalho, M.D., Ph.D.	Joonsoo Kang, Ph.D.	Claude Perreault, M.D.	Barbara Vance, Ph.D.
Delanie J. Cassell, Ph.D.	Hoil Kang, M.D., Ph.D.	Lisse-Anne Pirofski, M.D.	Barbara Vilen, Ph.D.
Vincenzo Cerundolo, M.D.	Tibor Keler, Ph.D.	Nancy Poindexter, Ph.D.	Maria Villacres, Ph.D.
Cynthia A. Chambers, Ph.D.	Janet Kirkley, Ph.D.	Kenneth Pollard, Ph.D.	Laura Vogel, Ph.D.
Donald A. Chambers, Ph.D.	Lester Kobzik, M.D.	Kiley Prilliman, Ph.D.	David Wagner, Ph.D.
Mingi Chang, Ph.D.	Hidefumi Kojima, Ph.D.	Timothy Pruett, M.D.	Hanspeter Waldner, Ph.D.
Bing-guan Chen, M.D., Ph.D.	Anil Kumar, Ph.D.	Bali Pulendran, Ph.D.	Jonathan Wall, Ph.D.
Zhibin Chen, M.D.	Sergei Kusmartsev, Ph.D.	Eva G. Rakasz, Ph.D.	Michel Warny, M.D.
Jacques Cohen, M.D.	Jenn-Haung Lai, M.D., Ph.D.	Sergio Ramagnani, M.D.	Suzanne M. Watt, Ph.D.
Mark Connors, M.D.	Zhong-Fang Lai, M.D., Ph.D.	Erik A. Ranheim, Ph.D.	Burton Webb, Ph.D.
Pierre Coulie, M.D.	Mark L. Lang, Ph.D.	Kanury Rao, Ph.D.	Li Wen, M.D., Ph.D.
Bjorn Dahlback, M.D.	Chris S. Lantz, Ph.D.	Elaine F. Reed, Ph.D.	Don Wiley, Ph.D.
Angus G. Dagleish, M.D.	Marie Larsson, Ph.D.	Barbara Rehmann, M.D.	David S. Wilkes, M.D.
Guo-Min Deng, M.D.	Reiner Laus, M.D.	Birgit Reipert, Ph.D.	Dennis Willerford, M.D.
Vikas Dharnidharka, M.D.	B. Paige Lawrence, Ph.D.	Horacio Rodriguez-Rilo, M.D.	Cara Wilson, M.D.
Bonnie N. Dittel, Ph.D.	Didier Leturcq, Ph.D.	Robert Roeder, Ph.D.	Deborah Witherden, Ph.D.
Petra Doerfler, Ph.D.	Stewart Leung, Ph.D.	Melanie Ruzek, Ph.D.	Florence Wong, Ph.D.
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Gabriela Dveksler, Ph.D.	Shuyu Li, Ph.D.	Caralee J. Schaefer, Ph.D.	Yasuhiro Yasutomi, Ph.D.
Linda Egger, Ph.D.	Shaohong Liang, M.D.	Stephen Schwander, M.D., Ph.D.	Chul-Gyu Yoo, M.D., Ph.D.
Elaine Elder, Sc.D.	Melvyn Little, Ph.D.	Giuseppe Sconocchia, B.S.	Osamu Yoshie, M.D.
John Elliott, Ph.D.	Virginia Litwin, Ph.D.	Gopi Shankar, Ph.D.	Michael Young, Ph.D.
Barbara Ensoli, M.D., Ph.D.	Zhangxu Liu, Ph.D.	Virginia L. Shepherd, Ph.D.	Qihong Zhang, Ph.D.
Elizabeth Eynon, Ph.D.	Zhugon Liu, M.D., Ph.D.	Alexander Shnyra, M.D., Ph.D.	Jian Zhang, M.D.
Rong Fan, Ph.D.	Mingyao Liu, Ph.D.	Luis J. Sigal, D.V.M., Ph.D.	Daohong Zhou, M.D.
Silvano Ferrini, M.D.	Massimo Locati, M.D.	Michael Sikes, Ph.D.	Liqing Zhu, M.D.
David Fitzpatrick, M.S., Ph.D.	George Loss, M.D., Ph.D.	Olli Silvennoinen, M.D., Ph.D.	Linda Zuckerman, Ph.D.
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Bruce Freimark, Ph.D.	Weilie Ma, Ph.D.	Seonghyang Sohn, Ph.D.	
Jiliang Gao, Ph.D.	Yuanyuan Xu Ma, M.D.	Nanette Solvason, Ph.D.	
William Godfrey, Ph.D.	James A. MacLean, M.D.	Xiao-yu Song, Ph.D.	
Francisco Gomez, M.D.	Joren Madsen, M.D., D.Phil	Jeanne Soos, Ph.D.	
Rafael Gongora, Ph.D.	Jeanne Magram, Ph.D.	Wei Sun, M.D.	
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Thomas Griffith, Ph.D.	Mitsuru Matsumoto, M.D., Ph.D.	Marianne Sweetser, M.D., Ph.D.	
Michael Gunn, M.D.	Dianne McKay, M.D.	Eva Szomolanyi-Tsuda, M.D.	
Ashley T. Haase, M.D.	Andrei Medvedev, Ph.D.	Yayoi Tada, M.D.	
Michael E. Hagensee, M.D., Ph.D.	Patrice Miller, M.D.	Hong Tang, Ph.D.	

**(Approved for membership on Oct. 30, 2000)*



The American Association
of Immunologists
Advanced Course in Immunology
Stanford University
July 8-13, 2001

under the direction of the
AAI Education Committee
Leslie Berg, Chair

For further information
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Rafi Ahmed, Emory University
Leslie Berg, University of Massachusetts
Cynthia Chambers, University of Massachusetts
Jason Cyster, University of California, San Francisco
Warner Greene, University of California, San Francisco
Wendy Havran, The Scripps Research Institute
Marc Jenkins, University of Minnesota
Thomas Kipps, University of California, San Diego
Faddi Lakkis, Emory University
Lewis Lanier, University of California, San Francisco
Richard Locksley, University of California, San Francisco
Elizabeth Mellins, Stanford University
Kenneth Murphy, Washington University
Mark Schlissel, University of California, Berkeley
Ian Wilson, The Scripps Research Institute

Check out the AAI Homepage at www.aai.org

EB 2001 - AAI Annual Meeting Distinguished Lecturer Series

AAI is sponsoring its annual Distinguished Lecturer series at the EB 2001 meeting, March 31- April 4, in Orlando, FL. This series has been very popular at past AAI annual meetings and usually has standing-room only capacity. The lectures will be held Sunday, Monday, and Tuesday, at 5:00 pm in room 304 A-H of the Orange County Convention Center. The chair for these lectures is AAI Program Chair Richard Locksley, M.D, HHMI, UCSF. To view the entire AAI meeting program, visit the AAI web site at www.aai.org.

Pamela J. Bjorkman, Ph.D.

HHMI, California Institute of Technology, Pasadena, CA

“MHC Homologs in Immune and Non-immune Recognition”

Sunday, April 1



Pamela J. Bjorkman received her Ph.D. in 1984 in biochemistry and molecular biology from Harvard University. She completed post-doctoral fellowships at both Harvard (1984-86) and Stanford (1986-89). In 1989 she became an assistant professor in the Division of Biology at Caltech, and became a full professor in 1998. She was named an HHMI associate investigator at the California Institute of Technology in 1989, and became an HHMI investigator in 1999.

Dr. Bjorkman has been the recipient of numerous honors and awards during her career. These include the Pew Scholar in the Biomedical Sciences (1989); the William B. Coley Award for Distinguished Research in Fundamental Immunology, Cancer Research Institute (1993); the AAI-PharMingen Investigator Award (1996); was elected as a member of the American Academy of Arts and Sciences (1997); and received the James R. Klinenberg Science Award, Arthritis Foundation (1997). She is currently a member of the editorial board of both *Structure* and *Immunity*. Dr. Bjorkman has been an AAI member since 1995.

Antonio Lanzavecchia, M.D.

Institute for Research in Biomedicine, Bellinzona, Switzerland

“From T Cell Stimulation to Generation of Effector and Memory Cells”

Monday, April 2



Antonio Lanzavecchia received, with honors, his M.D. in 1976 from the University of Pavia, Italy. He became a specialist in pediatrics (1979) and a specialist in infectious diseases (1982) at the University of Pavia. During this time he was also an assistant professor at the University of Genoa (1981-87). In 1990 he became a Permanent Member of the Basel Institute for Immunology, and in November 1999 was named the Director of the Institute for Research in Biomedicine, Bellinzona, Switzerland.

Dr. Lanzavecchia has been the recipient of numerous honors and awards during his career. These include the European Molecular Biology Organisation (EMBO) medal (1998) and the Cloëtta prize (1999). He has also served on the executive committee for the *European Journal of Immunology*, was an advisory editor for the *Journal of Experimental Medicine*, and was an editor for *Immunological Reviews*. Dr. Lanzavecchia became an AAI Honorary Member in March 2000.

Rafi Ahmed, Ph.D.
Emory University School of Medicine, Atlanta, GA
“Vaccines and Immune Memory”
Tuesday, April 3



Rafi Ahmed received his Ph.D. in 1981 in microbiology and molecular genetics from Harvard University. He was a research fellow in the Department of Immunology at the Scripps Clinic and Research Foundation (1981-84) before becoming an assistant member in 1984. In 1992 he became a professor in the Department of Microbiology and Immunology at the UCLA School of Medicine (1992-95). In 1995 he was named Director of the Emory Vaccine Center at the Emory University School of Medicine, and became a Georgia Research Alliance Eminent Scholar in Vaccine Research and Professor of Microbiology and Immunology at Emory (1995-present). Dr. Ahmed is also the Associate Director of the Emory/Atlanta Center for AIDS Research.

Dr. Ahmed has been the recipient of numerous honors and awards during his career. These include being elected to the Biotechnology Science Advisory Committee, United States Environmental Protection Agency (1988-92); becoming a member of the AIDS Etiology and Pathogenesis Area Review Panel, OAR, NIH (1995-96); and serving on the Advisory Board of the Baylor School of Medicine, Center for AIDS Research (2000-present). Dr. Ahmed has served on the editorial boards of *Microbial Pathogenesis* (1989-94), the *Journal of Virology* (1989-98), and *Virology* (1990-96). Currently he is the Editor-in-Chief of *Microbial Pathogenesis*. Dr. Ahmed has been an AAI member since 1984.

Presidential Address

The Old Curiosity Shop, Odd Happening in Cellular Immunology

Sponsored through an unrestricted educational grant from Aventis Behring, LLC (North America)

Philippa Marrack, HHMI, National Jewish and Medical Research Center
 Saturday, March 31, 5:00 pm, Room 304 A-H

Presidential Symposium:

Great Expectations: The Future of Immunology

Sponsored through an unrestricted educational grant from Merck Research Laboratories

Tuesday, April 4, 2:00 pm, Room 304 A-H
 Chair: P. Marrack, HHMI, National and Jewish Medical Research Center

Y. Choi, University of Pennsylvania
The Effects of TRANCE on Lymphocytes and Bone

M.C. Simon, University of Pennsylvania
B Lymphocyte Function and Survival in Adult Mammals

J. Cyster, UCSF
Chemokines and Lymphocytes

E. Pamer, Memorial Sloan Kettering Cancer Center
CD8+ T Cell Responses to Listerial Infection



AMERICAN ASSOCIATION OF IMMUNOLOGISTS

2001 Awards

Lifetime Achievement Award

Charles A. Janeway, Jr.

Distinguished Service Award

Lewis L. Lanier

Excellence in Mentoring Award

Baruj Benacerraf

Past President Award

Roger M. Perlmutter

Huang Meritorious Career Award

Arthur Weiss

AAI-PharMingen Investigator Award

Leslie J. Berg

AAI Council Special Service Award

F. Patrick White

Huang Foundation Trainee Award (to be announced)

Pfizer-Showell Travel Awards (to be announced)

AAI Junior Faculty Travel Awards (to be announced)

EB 2001 - AAI Annual Meeting

Major Symposia

The following major symposia will be presented at EB 2001. All symposia will be held in the Orange County Convention Center.

Sunday, April 1, 8:00 AM

Invariant Receptors on Immune Cells: Hardwired Specificities

Room 304 A-H

Chair: D.H. Raulet, UC-Berkeley

Co-chair: W. Havran, Scripps Research Institute

Speakers:

W. Havran, Scripps Research Institute

A Role for Epithelial T Cells in Tissue Repair

M. Brenner, Harvard Medical School

Human CD1 Reactive T Cells: Adaptive or Innate?

A. Bendelac, Princeton University

Innate Rather Than Adaptive Characteristics of Mouse CD1d-restricted T Cells

R. Hardy, Fox Chase Cancer Center

Mechanisms That Restrict the BCR Diversity of CD5+/B-1 B Cells

D.H. Raulet, UC - Berkeley

The NKG2D Receptor and Its Ligands Rae1 and H60 Expressed by Tumor Cells: A New Component of the Innate Immune System

S. Akira, Res. Inst. for Microbial Diseases, Osaka Univ., Japan
Toll-like Receptor Family: Its Role and Signaling

Microbial Invasion - Co-Evolutionary Struggles

Room 109 A-B

Chair: E. Kieff, Harvard University

Co-chair: L. Gooding, Emory University School of Medicine

Speakers:

C. Ware, La Jolla Institute for Immunology

Herpes Virus Strategies Targeted at TNF-related Cytokines

K. Collins, University of Michigan

HIV Immune Evasion

L. Gooding, Emory University School of Medicine

Immune Evasion By Adenoviruses

H. Ploegh, Harvard Medical School

Avoiding Recognition by the Immune System: How Herpes Viruses Do It

G. McFadden, Robarts Research Institute

Star Wars: Extracellular Anti-cytokine Strategies of Viruses

E. Kieff, Harvard Medical School

Balancing Lymphocyte Proliferation and Destruction to Achieve Persistence

Monday, April 2, 8:00 am

Chromatin Remodeling in Immune Cells: Regulating Cell Fate and Differentiation

Room 304 A-H

Chair: A. Rao, Harvard Medical School

Co-chair: M. Krangel, Duke University Medical Center

Speakers:

R.E. Kingston, Harvard Medical School

A Biochemical Approach to Epigenetic Regulation: SWI/SNF and Polycomb

A. Rao, Harvard Medical School

Regulation of Cytokine Gene Expression at the Level of Chromatin

M. Krangel, Duke University Medical Center

Chromatin Structure and the Developmental Regulation of V(D)J Recombination

J.M. Boss, Emory University School of Medicine

Genetic and Epigenetic and Transcriptional Regulation of MHC Class II Gene Expression

S. Smale, HHMI, UCLA

Nucleosome Remodeling and Heterochromatin Assembly in the Immune System

G. Felsenfeld, NIDDK, NIH

Chromatin Domain Boundaries: New Ways of Regulating Gene Expression

Regulatory T Cells in Autoimmunity

Room 109 A-B

Chair: J.A. Bluestone, UCSF

Co-chair: F.M. Powrie, University of Oxford, Oxford, UK

In recent years, the concept of regulatory cells has re-emerged in various models of cell-mediated immunity, such as transplantation, tumor immunology and autoimmunity. This comes on the heels of general cynicism of the notion that T cell mediated suppression was an important means for regulating immune responses. This reversal has been forged by an increasing understanding of the potential for cytokine-driven immune regulation and a growing number of studies that have defined the specific biologic attributes of regulatory T cells. In this symposium, leading researchers will discuss the scientific evidence for active immune regulation.

Speakers:

J.A. Bluestone, UCSF
Regulation of Autoimmune Diabetes

F.M. Powrie, University of Oxford, Oxford, UK
Control of Intestinal Inflammation by Regulatory T Cells

M.G. von Herrath, The Scripps Research Institute
Therapeutic Induction of Autoreactive Regulatory Lymphocytes

E.M. Shevach, NIAID, NIH
Control of Organ-Specific Autoimmunity by CD4+CD25+ Immunoregulatory T Cells

P.C. Marrack, HHMI, National Jewish Medical and Research Center
Regulatory Cells and Memory

D.A. Hafler, Harvard Medical School
Regulation of Autoreactive T Cells in Patients with Human Autoimmune Disease

Tuesday, April 3, 8:00 am

Stem Cells and the Regulation of Immune Cell Fates

Room 304 A-H

Chair: H. Singh, HHMI, University of Chicago

Co-chair: E. Rothenberg, California Institute of Technology

Speakers:

I. Lemischka, Princeton University
Stem Cells to Genes and Back

K. Akashi, Dana-Farber Cancer Institute
Promiscuity and Plasticity in Hematopoietic Lineage Determination

H. Singh, HHMI, University of Chicago
PU.1: A Shared Transcriptional Regulator of Lymphoid and Myeloid Cell Fates

K. Ozato, NICHD, NIH
ICSBP/IRF-8 Regulates Myeloid Cell Lineage Selection

P. Kincade, Oklahoma Medical Research Foundation
An Early Hormone Regulated Event Enables Lymphoid Lineage Progression in Bone Marrow

E. Rothenberg, California Institute of Technology
Transcriptional Regulation of Early T-Cell Development

C. Murre, UC - San Diego
Regulation and Function of Helix-loop-helix Proteins in T-lineage Development

G. Siu, Columbia Univ. College Physicians and Surgeons
Development Control of CD4 Gene and the Specification of Single Positive T Cells

Antigen Processing and Presentation: Who, What and Where?

Room 109 A-B

Chair: N. Shastri, UC - Berkeley

Co-chair: A. Rudensky, HHMI, University of Washington

This session will discuss the state of the art in how the ligands for the T cell receptors are generated within normal and professional antigen presenting cells. The talks will focus on the presentation of conventional peptide ligands and the recently discovered glycolipids by the classical and non-classical MHC molecules as well as the intracellular mechanisms for their generation.

Speakers:

N. Shastri, UC - Berkeley

Achieving Perfection From A Mess: Peptide Display by MHC Class I Molecules

A. Rudensky, HHMI, University of Washington
Proteolytic Mechanisms of Generation of Peptide/MHC Class II Complexes

J. Yewdell, NIAID, NIH

500,000 Proteasomes Can't Be Wrong: Quantitative Aspects of the Generation of MHC Class I Peptide Ligands from Endogenous Proteins

C. Watts, University of Dundee, UK

Antigen Processing in the Endocytic Compartment

P. Cresswell, HHMI, Yale University School of Medicine
Reduction and Oxidation in Antigen Processing

I. Mellman, Yale University School of Medicine
Antigen Processing and Presentation by Dendritic Cells

M. Kronenberg, La Jolla Institute of Allergy and Immunology
Mixing Water and Oil: Processing and Presentation of Glycolipid Antigen

Wednesday, April 4, 8:00 am

Co-Stimulation: Something for Everyone

Room 304 A-H

Chair: A. Sharpe, Brigham and Women's Hospital

Co-chair: J. Allison, HHMI, UC - Berkeley

Speakers:

J. Allison, HHMI, UC - Berkeley
CTLA-4, Less is More

L. Chen, Mayo Medical School
New B7s, More is Less

M. Croft, La Jolla Institute for Allergy and Immunology
Control of T Cell Expansion and Survival by OX40

J. Penninger, Ontario Cancer Institute

A Molecular Gatekeeper Model of Costimulation and Immunotolerance

B. Sha, UC - Berkeley
Regulation of ICOS-B7h Costimulation

A. Sharpe, Brigham and Women's Hospital
The B7 Superfamily: Starting, Stopping and Fine Tuning of Immune Responses

S.G. Nathenson, Albert Einstein College of Medicine
Structure of the CTLA-4/B7 Costimulatory Complex: Implications for T Cell Regulation

Spatial Organization of Signal Transduction in Immune Cells

Room 109 A-B

Chair: M. Dustin, Washington University

Co-chair: M. Davis, HHMI, Stanford University

Speakers:

M. Dustin, Washington University
Introduction

M. Reth, Max Planck Institute, Freiburg, Germany
Studies on the Structure and Function of Oligomeric BCR Complexes

B. Baird, Cornell University
Initiation and Regulation of IgE-Receptor Signaling in Lipid Rafts

E. Unanue, Washington University of Medicine
The Density of Peptide-MHC Complexes Required for CD4 T Cell Responses

A. Kupfer, National Jewish Medical Center
Visualizing the Spatial-temporal Molecular Complexity of T Cell Activation

M. Davis, HHMI, Stanford University
Visualizing the Dynamics of T Cell-APC Recognition

M. Edidin, Johns Hopkins University School of Medicine
Mobility of MHC Molecules and Antigen Presentation of T Cells

NIH Establishes New Tetramer Facility at the NIAID

An NIAID Tetramer Facility has been established through the NIH AIDS Research and Reference Reagent Program. This facility provides custom synthesis and distribution of soluble MHC I/peptide tetramer reagents that can be used to stain antigen specific CD8+ T cells. Eventually the facility will also be able to offer MHC II/peptide reagents for the staining of antigen specific CD4+ T cells. Tetramer reagents will be synthesized at the NIAID Tetramer Facility contract site located Emory University.

MHC allele protein production, folding and quality control are free to approved investigators. Requestors incur the cost of peptide production and shipping. All reagents are quality controlled and are labeled with commercially manufactured streptavidin-allophycocyanin or streptavidin-phycoerythrin fluorophores.

Requests will be reviewed in a confidential manner by the NIAID Tetramer Resource Committee (TRC) comprised of Program Staff from all NIAID divisions. Committee recommendations are transmitted back to the investigators via email. The identity and number of the MHC alleles requested will be tracked and made public. Information about investigators and their experiments will be kept confidential. New MHC or beta-2 microglobulin genes sent to the NIAID Tetramer Facility are listed as available for tetramer production on the facility's web site at www.niaid.nih.gov/tetramer/index.html. The NIAID TRC meets every two weeks and evaluates requests based on criteria including:

- Scientific merit of the proposed experimental design using Center for Scientific Review criteria (Significance, Approach, Investigator, Innovation, Environment).
- Appropriateness of the request for advancing research.
- Competing priorities within the facility.

Efforts to pool applications for the same MHC alleles will be made to allow for large batch synthesis of alleles. Thus if two or more investigators are requesting the same allele, these requests will be processed simultaneously.

Investigators will be informed of approval or disapproval of their request(s) via email. Investigators receiving approval will also receive a reminder to complete the NIAID Tetramer Resource AIDS Research and Reference Reagent Program Registration Form. Requestors will also be asked to send 10 mg of HPLC purified peptide to The Tetramer Core Facility at Emory University.

Overall supervision and processing of requests will be handled by the NIAID Tetramer Resource Committee (TRC) co-chaired by Opendra Sharma (os4g@nih.gov) and Chuck Hackett (ch187q@nih.gov). General inquiries regarding the NIAID Tetramer Facility should be emailed to Dr. Sharma or Dr. Hackett and include "Tetramer Inquiry" in the subject heading to ensure proper handling.

For additional information about the Tetramer Facility please visit the facility's web site at www.niaid.nih.gov/tetramer/index.html.

Erratum

In the October/November issue of the newsletter, the list of AAI committee members was printed. Lynn Soong, M.D., Ph.D., UT Medical Branch, was inadvertently omitted from the list of members from the Committee on the Status of Women. We apologize for this omission.

MEETING ANNOUNCEMENTS

January

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

February

Feb. 3-7 *Cell Death and Aging* will be held at the Radisson Deauville Resort, Miami Beach, FL. Sponsored by the University of Biochemistry and Molecular Biology Foundation, Inc., The Sylvester Cancer Center, and Nature Biotechnology. **Contact:** MNBWS Office, P.O. Box 016129 (M823), Miami, FL 33101-6129.
Phone: (305) 243-3597 • Fax: (305) 324-5665
Email: mnbws-biochem@miami.edu
Web: www.med.miami.edu/mnbws

Feb. 14-16 *5th Int. 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
Web: 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
Web: www.biophysics.org/biophys/

March

Mar. 3-5 *Fourth International Conference on Varicella, Herpes Zoster and PHN* will be held in La Jolla, CA. The conference is sponsored by the VZV Research Foundation (VZVRF) in partnership with Columbia University College of Physicians and Surgeons. **Contact:** VZV Research Foundation, 40 East 72nd Street, New York, NY 10021.
Phone: (212) 472-3181 • Fax: (212) 861-7033
Email: vzv@vzvfoundation.org
Web: www.vzvfoundation.org

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
Web: 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. 26-28 *Science of Mind-Body Interactions - An Exploration of Integrative Mechanisms* will be held at the Mazur Auditorium, NIH, Washington, D.C. Sponsors include: The John D. and Catherine T. MacArthur Foundation, The Integrative Neural-Immune Program, National Institute of Mental Health, and the National Institute on Neurological Disorders and Stroke.
Email: register@mindbody.org
Web: www.mindbody.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

April

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. 3-5 *World Vaccine Congress* will be held at the Montreal Marriott Chateau Champlain, Montreal, Canada. **Contact:** Philip

George, Senior Marketing Manager, Terrapinn Ltd., 100 Hatton Garden, London EC1N 8NX, UK.
Phone: 44 207 827 5945 ♦ Fax: 44 207 242 1508
Email: phil.george@terrapinn.com
Web: www.ecpi-online.com/wvc_montreal/

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. 20-21 *Pemphigus as a Model of Organ-specific Humoral Autoimmune Diseases* will be held at NIH, Bethesda, MD.
Contact: Janet Segall, Executive Director, National Pemphigus Foundation, P.O. Box 9606, Berkeley, CA 94709-0606.
Phone: (510) 527-4970
Email: pvnews@aol.com
Web: www.pemphigus.org/nih.htm

Apr. 22-26 *11th International Conference - Second Messengers and Phosphoproteins* will be held in Melbourne, Australia.
Contact: The Meeting Planners, 108 Church Street, Hawthorn 3122, Victoria, Australia.
Phone: 61 3 9819 3700 ♦ Fax: 61 3 9819 5978
Email: enquiries@meetingplanners.com.au
Web: www.secondmessengers.com

May

May 2-4 *The 7th National Symposium: Basic Aspects of Vaccines* will be held in Bethesda, MD. **Poster abstract deadline: March 31, 2001.** **Contact:** Janet O'Brien, Dept. of Membrane Biochemistry, Walter Reed Army Institute of Research, Silver Spring, MD 20910-7500.
Phone: (301) 319-9462 ♦ Fax: (301) 319-9035
Email: symposium@n.amedd.army.mil
Web: wrair-www.army.mil/symposia/dmbsym.htm

May 4-7 *Federation of Clinical Immunology Societies (FOCIS) Annual Meeting*, sponsored by the Clinical Immunology Society and 14 other clinical immunology related societies, will be held in Boston, MA. **Contact:** Ken Janowski, FOCIS Meeting Secretariat, 611 E. Wells St., 4th Floor, Milwaukee, WI 53202.
Phone: (414) 224-8095 ♦ Fax: (414) 276-3349
Email: 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

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

Email: pnirs@pnirs.org
Web: www.pnirs.org

May 25-27 *3rd Berlin Symposium on Immunology of Infection - "Dendritic Cells and Macrophages in Infectious Diseases"* will be held in Berlin, Germany. **Contact:** Congress Secretary, Jytte Krake, Institut für Infektionsmedizin Freie Universität Berlin, Hindenburgdamm 27, 12203 Berlin, Germany.
Phone: 49 30 8445 3641 ♦ Fax: 49 30 8445 3830
Email: sekrhahn@zedat.fu-berlin.de
Web: www.gran.de/berlsymp

June

June 9-12 *21st Annual Meeting of the American Society for Reproductive Immunology* will be held at the Fairmont Hotel in Chicago, IL. **Abstract deadline: March 1, 2001.** **Contact:** J.Y.H. Kwak-Kim, M.D., Dept. of Reproductive Medicine, Finch Univ. of Health Sciences/The Chicago Medical School, North Chicago, IL 60064.
Phone: (847) 578-8767 ♦ Fax: (847) 578-8572
Email: kwakj@finchcms.edu
Web: www.theasri.org

July

Jul. 2-6 *VIII International Congress of Reproductive Immunology* will be held in Opatija, Croatia. **Contact:** Prof. Daniel Rukavina Medical Faculty, University of Rijeka, B. Branchetta 20, HR-51000, Rijeka, Croatia.
Phone: 385 51 651 150 ♦ Fax: 385 51 675 699
Email: daniel@medri.hr
Web: www.medri.hr/eng/kongresi/icri/

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

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

Jul. 22-28 *11th International Congress of Immunology*, organized by the Scandinavian Society for Immunology, will be held in Stockholm, Sweden. **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/

September

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

October

Oct. 10-14 *Cellular and Molecular Physiology of Sodium-Calcium Exchange* will be held in Banff, Alberta, Canada. **Abstract deadline: June 1, 2001. Contact:** The American Physiological Society, 9650 Rockville Pike, Bethesda, Maryland 20814-3991. Phone: (301) 530-7171 ♦ Fax: (301) 571-8313 Email: meetings@aps.faseb.org Web: www.faseb.org/aps

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

November

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

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

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

Looking for a Job? Post Your "Position Wanted" Ad on the AAI Home Page

AAI is now accepting "position wanted" ads to be posted on the AAI home page. Ads will be posted free of charge. Ads will be accepted for people seeking postdoc positions, support positions (e.g., research technician, animal care specialist, instrumentation specialist) and other related research positions. 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:

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Fax
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Position Wanted
Attach CV to email

Email to: Linda Comley, comley@aai.faseb.org

2001 FASEB SUMMER RESEARCH CONFERENCES

Saxtons River, Vermont

Renal Microcirculatory Hemodynamics: Molecular, Cellular, Physiologic, Clinical and Integrative Mechanisms
Ubiquitin and Intracellular Protein Degradation
Autoimmunity
Helicases: Structure, Function and Roles in Human Disease
Prokaryotic Transcription Initiation
Biological Methylation
Ciliate Molecular Biology
Vitamin K and the Synthesis, Structure and Function of Vitamin K-dependent Proteins
Nuclear Structure and Cancer
Molecular Mechanisms of Regulation by Dietary Constituents

Tucson, Arizona

Lysophospholipids and Related Bioactive Lipids in Biology and Diseases
Physiological Functions of Antioxidant Nutrients and Phytochemicals
The Biology and Chemistry of Vision
The TGF- β Superfamily: Signaling and Development
Muscle Satellite and Stem Cells
New Perspectives in Transporter Biology
Phospholipase D
Commonalties and Differences in the Mechanisms of Alcohol and Other Drugs of Abuse

Snowmass, Colorado

Glucose Transporter Biology
Chromatin and Transcription
Transport ATPases: From Genomics to Mechanism
Genetic Recombination and Chromosome Rearrangements
Hematological Malignancies
Growth Factor Receptor Tyrosine Kinases in Mitogenesis, Morphogenesis, and Tumorigenesis
Protein Kinases and Phosphatases
Advances in Obesity - From the Environment to the Gene

Whitefish, Montana

Micronutrients: Trace Elements
Thrombin and Vascular Medicine
Molecular Mechanisms of Central Nervous System Injury
Steroids and Bone
The Calpain Gene Family in Health and Disease
Gastrointestinal Tract IX: Mechanisms of Disease and Protection

To be added to our mailing list for information, contact:

FASEB Summer Research Conferences FAX 301-571-0650

jlevin@faseb.org or ahewitt@faseb.org

Application available in February on our website -- www.faseb.org/meetings/src

FASEB Members will Automatically Receive the Meeting Notice

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FEDERAL TAX ID NO: 04-2281787

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

2001 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 2001

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QUALIFICATIONS AND APPLICATION FOR REGULAR MEMBERSHIP

2001 MEMBERSHIP YEAR

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

1. Possess a Ph.D. (or equivalent graduate degree, *e.g.*, D.Sc.) in immunology or related disciplines, or an M.D. (or equivalent medical degree, *e.g.*, D.D.S.) and be the **first** author of **one** significant original publication on an immunological topic in a reputable, refereed journal. Manuscripts “in press” are acceptable when accompanied by a letter from the publisher or Editor-In-Chief of the journal affirming its acceptance and imminent publication. Abstracts and unpublished papers **will not** be considered in evaluating whether a candidate meets the publications requirement for membership. The requirement for an advanced degree can be waived in certain circumstances if the candidate shows evidence of other appropriate training and research experience.

2. Be an established scientist with substantial achievement in a related discipline and have at least one collaborative paper on an immunological topic in a reputable, refereed journal.

THIS APPLICATION MUST INCLUDE:

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

NAME: _____

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

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**

2001 Dues Rates: 1 January - 31 December: **U.S. - \$225.00** **Canadian - \$323.00** **International - \$315.00**



Biologicals Available from the National Cancer Institute

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

New Agent Available: Murine Fc-endostatin – aliquoted in 1, 5, and 20 mg amounts.

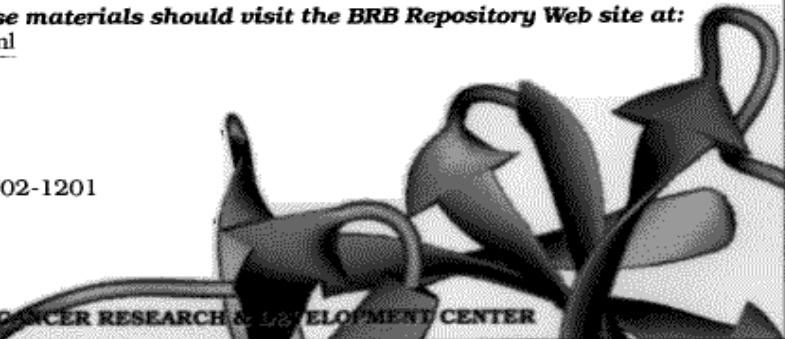
Other Human Cytokines Available: IL-1 α , IL-1 β , IL-2, aliquoted in 100 μ g amounts ($>10^6$ units); FGF (basic), VEGF are aliquoted in 10, 100, and 1000 μ g amounts and are available for free to investigators with peer-reviewed support (manufacturers' restrictions prohibit distribution of these materials to for-profit institutions or commercial establishments).

Monoclonal Antibodies Available: HeFi-1 (murine anti-human CD30), B72.3 (murine anti-human TAG-72), R24 (murine anti-GD3), 3ZD (murine anti-human IL-1 β), and 11B.11 (rat anti-mouse IL-4) are available in 5 and 20 mg amounts to peer-reviewed investigators, for-profit institutions or commercial establishments.

Investigators wishing to obtain any of these materials should visit the BRB Repository Web site at:
<http://www.ncifcrf.gov/brb/preclin/index.html>

For questions contact:

Dr. Craig W. Reynolds
Biological Resources Branch, NCI-FCRDC
Bldg. 1052, Room 253, Frederick, MD 21702-1201
Fax: 301-846-5429
e-mail: reynoldsc@ncifcrf.gov



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