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Telephone: (202) 326-6555; FAX: (202) 289-6742. Email: science_classifieds@aaas.org

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**Psittacine Disease Models and Therapeutics Conference**

April 19-20, 1996

The 1996 **Psittacine Disease Models and Therapeutics Conference** will focus on psittacine diseases and their investigation. Topics covered include: pathophysiology, immunology, genetics, biochemistry, drug intervention, and clinical management. The conference will be held at the **University of California, Davis**.

For more information, contact: M.D. Kimball, 1600 Q Street NW, Suite 200, Washington, DC 20009-5597.

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**SCIENCE**

**Positions Open**

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**Chairperson, Department of Biological Sciences**

The University of Alabama invites applications and nominations for the position of chair of the Department of Biological Sciences in the College of Arts and Sciences. The faculty (28 members) has two areas of primary research focus: ecology/systematics, with emphasis on freshwater systems, and molecular biology, with emphasis on development. The Ph.D. and M.S. degree programs enroll approximately 70 graduate students. The Department offers undergraduate programs in undergraduate study in molecular biology, ecology and systematics, preprofessional areas (medicine, dentistry, and optometry), marine science, and microbiology for 470 majors and a substantial commitment to non-majors. The faculty seeks a distinguished scientist with a Ph.D. or equivalent degree and an outstanding record of significant scientific and administrative accomplishments. The candidate should demonstrate exceptional leadership skills, including the ability to work well with faculty having diverse interests, students, and administrators. The candidate would be expected to strengthen existing areas of excellence, mentor faculty, promote faculty contract and grant activity, develop interdisciplinary research, and organize special events and colloquia. TENURE-FOR-DUPLIATION

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**SUPERVISORY FISHERY BIOLOGIST**

**TWO POSITIONS**

The Conservation and Utilization Division of NOAA’s National Marine Fisheries Service (NMFS) Science Center seeks quantitatively oriented biologists and ecologists to conduct and supervise research on the biology, ecology and population dynamics of marine finfish, marine mammals, and marine mammal species.

Two positions are open:

**CHIEF, Protected Species Branch**

Woods Hole Laboratory, Woods Hole, Massachusetts

**CHIEF, Population Branch**

Woods Hole Laboratory, Woods Hole, Massachusetts

Both positions are at the GS-14 level ($61,348 - $79,754 per annum). Applicants should possess a Ph.D. and should be experienced in supervision of relevant research programs; strong analytic skills are also necessary. The Division performs research and stock assessments that provide the scientific basis for management of fishery resources and marine mammal species in the Northeast.

Applicants must be qualified United States citizens; NOAA is an Equal Opportunity/Affirmative Action Employer. For application package(s) call or write the Office of Personnel Management, Raleigh Service Center, 4407 Bland Road, Suite 210, Raleigh, NC 27609; Telephone: 919-790-2822, by September 30. Ask for one or more of the following: Announcement No. AR0365 (Protected Species Branch); AR0369 (Population Branch). For additional information about the positions, contact: Ms. Kathryn McArthur, NOAA, 200 World Trade Center, Norfolk, VA 23510. Telephone: 804-441-6348.

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**MINNESOTA LANDSCAPE ARBORETUM**

ENDOWED LAND-GRADE CHAIR FOR RESEARCH

The University of Minnesota has established an ENDOWED CHAIR to support research pertinent to the genetic improvement, production, use, or maintenance of woody perennial landscape plants. The Minnesota Landscape Arboretum is an ideal setting for such research.

Chair-holders, whose research will necessarily be of mutual interest to themselves and the Arboretum, will carry out a portion of the set of duties normally expected to support Arboretum's duties and make use of the unique biological, human, and physical resources of the Arboretum, the Department of Horticultural Science, and other units of the University of Minnesota. Earnings from the endowment can be used as salary for the chair-holder (such as sabbatical supplemental salary), or for support of the chair-holder's project. Proposals are requested for filling this endowed chair. Proposals must be joint projects with a faculty member of the University of Minnesota. Projects can be from three months to one year in duration and renewable.

For a more detailed description or to apply for this Chair, please submit by November 15, 1996, a description of research proposal and a letter of support from the collaborating Minnesota Arboretum faculty member, a copy of your curriculum vitae, and names and addresses of two additional references to John Carter, Department of Horticultural Science, University of Minnesota, St. Paul, MN 55108. Telephone: 612-624-4966. The University of Minnesota is an Equal Opportunity Employer and Employer.

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**CHEMISTRY FACULTY POSITIONS**

As a part of a continued expansion program, the School of Chemistry and Biochemistry of the Georgia Institute of Technology seeks to fill TENURE-TRACK FACULTY POSITIONS in structural biochemistry and biocatalysis. Candidates who can take full advantage of state-of-the-art high-field NMR spectrometers are especially sought.

Preference will be given to applications at the junior level, but applications from outstanding individuals with exceptional research programs will be considered. Georgia Tech is committed to diversity in its faculty and students and encourages applications from women and minority candidates.

Candidates at the entry level should send an application letter, including a curriculum vitae, a description of research interests, and addresses of three references to: Chair, School of Chemistry and Biochemistry, Georgia Institute of Technology, Atlanta, GA 30332-4000.

Applications will be considered until the positions are filled. Georgia Tech is an Equal Education/Employment Opportunity Institution.
Howard Hughes Medical Institute

Predoctoral Fellowships in Biological Sciences

1997 Competition
80 fellowships will be awarded by the Howard Hughes Medical Institute for study toward a Ph.D. or Sc.D. degree in the biological sciences listed below. Awards, based on an international competition, focus on research directed to understanding basic biological processes and disease mechanisms. Fellowships may be held at academic or research institutions with appropriate degree programs.

Fellowship Terms
- Full-time study toward the Ph.D. or Sc.D.
- Up to five years of support possible
- $15,000 annual stipend, effective June 1997
- $15,000 annual cost-of-education allowance, effective June 1997

Eligible Fields of Study

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Eligibility
- Beginning graduate study (prior study toward an M.P.H. or a medical degree does not rule out eligibility)
  - college seniors
  - first year graduate students
  - medical students and physicians (M.D., D.O., D.D.S., or D.V.M.) not past the first year of a Ph.D. or Sc.D. degree program
- Not in a funded M.D./Ph.D. program
- No citizenship requirements for application; U.S. citizens may study abroad, but others must study in the United States

Schedule
Application deadline: November 15, 1996
Awards announced: early April 1997

1997 Program Announcements, Eligibility Guidelines, and Applications
Hughes Fellowship Program
The Fellowship Office
National Research Council
2101 Constitution Avenue
Washington, DC 20418, United States of America
Telephone (202) 334-2872
Fax (202) 334-3419
E-mail <infofell@nas.edu>
http://www.nas.edu/fo/index.html

The Howard Hughes Medical Institute, an Equal Opportunity Employer, welcomes applications from all qualified candidates and encourages women and members of minority groups to apply.
Applications and nominations are invited for the position of Dean of the College of Natural and Mathematical Sciences at Towson State University. The dean may assume office early in 1997, but no later than July 1, 1997. The dean is responsible for providing leadership for the Departments of Biological Sciences, Chemistry, Computer and Information Sciences, Mathematics and Physics and for outreach to the community. Undergraduate programs are offered in each department; master's programs are offered in biological sciences and computer sciences.

A successful candidate will have a Ph.D. in a natural or mathematical science with a proven record in:

- Leadership and academic administration
- Teaching excellence and familiarity with current technologies
- Scholarship
- External funding

An application should include a detailed resume, two letters of reference, addresses and telephone numbers of up to three additional references, and a one to two page statement of the applicant's perception of the role of the Dean of the College at a public, comprehensive university. Nominations will be accepted until September 27, 1996. Applications must be completed by October 11, 1996. Correspondence should be sent to:

Dr. Nordulf Debye
Search Committee Chair for
Dean of the College of Natural and Mathematical Sciences
Office of the Provost
Towson State University
8000 York Road
Towson, Maryland 21252-7097

Towson State University, with an enrollment of 15,000 students, is located on 318 rolling acres in a northern suburb of Baltimore, close to the varied educational, cultural, industrial, and recreational opportunities available in the Baltimore-Washington area. TSU, the second largest school in the University of Maryland System, enrolls and graduates more undergraduate students from the region than any other institution. http://www.towson.edu.

Towson State University is an equal opportunity/affirmative action employer and has a strong institutional commitment to diversity. Women, minorities, persons with disabilities, and veterans are encouraged to apply.

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**Assistant Professor Neurobiology**

Fall, 1997: Tenure-track position at assistant professor level. Rider University Biology faculty incorporate research experience in the curriculum and seek a colleague committed to the value of undergrad ed. He/she is expected to establish an active research program that incorporates undergraduates in investigating problems in vertebrate systems at the cellular/molecular level.

Teaching duties may include vertebrate physiology, neurobiology, and an advanced course in his/her specialty. Participation in new interdisciplinary Biopsychology program is expected. Post-doctoral experience required. Send cover letter, curriculum vita, copies of transcripts, and three letters of recommendation by November 30, 1996 to: Dr. James Riggs, Neurobiologist Search Committee Chair, Biology Dept., Rider University, 2083 Lawrenceville Rd., Lawrenceville, NJ 08648. Questions and requests for additional information may be sent to Riggs@enigma.rider.edu

Visit Rider University on the Internet: http://www.rider.edu

Rider University is an equal opportunity/affirmative action employer and does not discriminate on the basis of age, race, sex, disability, sexual orientation, national origin, religion, or any other non-job related criteria.

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**NEUREX CORPORATION**, a rapidly growing biopharmaceutical company in the San Francisco Bay Area, is currently conducting projects aimed at discovering drugs to treat a variety of neurological disorders.

**PHARMACOKINETICS/TOXICOLOGY**

The Department of Pharmacology seeks a Scientist to design, monitor/conduct, and evaluate both internal and external Safety Assessment, Pharmacokinetic, and ADME studies of proprietary compounds. Ideal candidate will possess a Pharm.D. or Ph.D. in Pharmacology and have advanced training in Pharmacokinetics and Toxicology. A minimum of 3 years post-doctoral experience is required; pharmaceutical industry experience preferred. Excellent communication and interpersonal skills are a must.

Neurex offers a competitive salary and benefits package, including stock options. For consideration, send your resume and references to: Human Resources/Job: SB-1, Neurex Corporation, 3760 Haven Avenue, Menlo Park, CA 94025-1012. We are an equal opportunity employer.
Be at the forefront

...of drug development research with the DuPont Merck Pharmaceutical Company. We are focused on meeting unmet medical needs through the discovery and development of innovative compounds leading to novel pharmaceuticals. The Inflammatory Disease Research group is seeking individuals to join its enzymology and animal pharmacology teams conducting drug discovery research in Arthritis. We have immediate openings at our facilities for the following:

Staff Scientist-
Animal Pharmacology
The ideal candidate will have an MS in Animal Pharmacology, Immunology or Cell Biology with a working knowledge of the development and characterization of animal models of inflammation. The candidate will also have the ability to work closely with scientists from other disciplines and lead a team in characterizing and running relevant animal models. Desired technical skills include animal handling and surgery, immunohistochemistry, in situ hybridization, immunoassay of biological fluids, and flow cytometry. (Code: SS-AP)

Staff Scientist-
Biochemistry/
Enzymology
The ideal candidate will hold a BS/MS degree in Biochemistry with demonstrated expertise in protein purification and characterization, enzyme assay development, kinetic analysis, and biophysical techniques used to study protein/protein interactions. Fluency in computer use related to data analysis, graphics, data management, slide presentations, word processing, and literature searching is also essential. The successful candidate will work with a senior investigator as part of a larger team in enzyme targeted drug discovery with responsibilities for experimental design, data analysis and reporting results to senior management. (Code: S-BE)

The DuPont Merck Pharmaceutical Company can offer you an excellent compensation and benefits package including a 401K plan as well as excellent working conditions and challenging assignments. Please send a letter of introduction and resume indicating code to: The DuPont Merck Pharmaceutical Company, Human Resources (Code), Maple Run 2282, P.O. Box 80722, Wilmington, DE 19880-0722. An equal opportunity employer M/F/D/V.

DRUG METABOLISM

Right now, an ever growing number of the pharmaceutical industry's most respected research scientists are making history at Pfizer's Central Research Division in Groton, Connecticut. Backed up by unparalleled financial and technical resources of a progressive Fortune 100 multinational company, these professionals are pioneering the development of a new generation of pharmaceutical and healthcare products. Already, their findings have contributed immeasurably to the fields of drug discovery and the development of human and animal health products. And while their work has radically improved the quality of life for millions around the world, much remains to be done.

Research Scientists, PhD

You will interact in a project area with a multidisciplinary team including chemists, biologists and clinicians where pharmacokinetics and drug metabolism input is essential to the discovery and development of new drugs. Additionally, you will work with some of the most advanced equipment and support systems available.

Qualified candidates will have a Ph.D. or equivalent degree in chemistry, biochemistry, or a related field in the biological sciences and superior interpersonal and oral/written communication skills. Experience in pharmacokinetics, drug metabolism, analytical chemistry, chromatographic methods, and in vitro metabolism studies would be an asset. Practical experience with bioanalytical methods and biotransformation of drugs is highly desirable. Ad# 1163

Research Assistants, BS/MS

You will participate in drug discovery and development by investigating the pharmacokinetics and in vivo and in vitro metabolism of new pharmaceutical candidates. Advanced analytical and biochemical techniques will be used in your research. Requires a BS/MS in biological or chemical science. Relevant experience in the development of quantitative analytical methods for drugs in biological matrices, pharmacokinetics, metabolite isolation and identification, and electronic data handling is highly desirable. Ad# 1164

As a contributing member of our staff, you will enjoy an excellent compensation package, a uniquely supportive environment and significant opportunities for professional development. Our scenic, shoreline location offers easy access to the many cultural, educational, recreational, and life-style advantages of New England. Please submit resume suitable for electronic scanning (i.e., eliminate italics, bullets, bolds, underlines and staples) indicating Ad# _____ to: Employee Resources, Pfizer Central Research, Eastern Point Road, Groton, CT 06340.

Pfizer is committed to the principle of workforce diversity.
An Equal Opportunity Employer M/F/D/V

The DuPont Merck Pharmaceutical Company
Merging Strengths...Emerging Opportunities.
**Faculty Position in Biophysics**  
*University of California, Los Angeles*

The Departments of Physics and Astronomy, Chemistry and Biochemistry and the Jules Stein Eye Institute invite applications for a senior faculty position in experimental biophysics. Exceptionally well-qualified junior applicants will also be considered for appointment at the assistant or associate professor level. Applicants should have a demonstrated ability to pursue an independent research program that involves collaboration with biochemists and molecular biologists. We are particularly interested in biophysicists with expertise in advanced probes such as optical methods, force microscopy, magnetic resonance, x-ray scattering, and the use of genetic manipulation. However, highly qualified individuals with interests in other areas of biophysics will be considered.

This search is being conducted jointly by the Physics and Astronomy, Chemistry and Biochemistry Departments of UCLA in collaboration with the Jules Stein Eye Institute of the UCLA Medical School, which has active biophysics-related research programs that include protein-folding, electron spin resonance, signal processing within cells, and molecular mechanisms of membrane transduction. The successful applicant would establish an affiliation with JSEI, ranging from an informal research collaboration to a joint faculty appointment, and would be expected to stimulate a biophysics teaching program.

Applicants should send a resume, a research statement, and names of at least three references to F. V. Coroniti, Chair, Department of Physics and Astronomy, University of California, Los Angeles, CA 90095-1547. For full consideration, applications should be received by September 15, 1996. The *University of California is an affirmative action/equal opportunity employer.*

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**HEAD OF DIVISION OF PEDIATRIC ONCOLOGY/HEMATOLOGY**  
**UNIVERSITY OF MINNESOTA**

The University of Minnesota Department of Pediatrics and the new Cancer Center is seeking outstanding candidates for the position of Head of the Division of Pediatric Oncology/Hematology. Candidates should be nationally recognized for leadership and research achievements in oncology.

The rank of this position will be at the level of Associate Professor with tenure, or Professor with tenure, dependent on training, experience, and accomplishments. Essential qualifications include a doctoral degree (M.D., Ph.D., or equivalent), and an established record of achievement in research as reflected in publication record and external grant support. The candidate should have demonstrated the organizational skills necessary to lead an academic program which includes clinical activities, research, and the teaching of residents, postgraduate fellows, graduate students, and other health professionals. Active participation and assignment of laboratory research space in the University of Minnesota Cancer Center is anticipated. In addition, opportunities exist for close collaboration with the divisions of pediatric bone marrow transplantation and pediatric epidemiology/clinical research, and with community pediatric oncologists/hematologists.

Qualifications for tenured Associate Professor include professional distinction in research (clinical, translational, or basic) and demonstrated effectiveness in teaching. Qualifications for tenured Professor include a national reputation in research and evidence of leadership.

Last date for receipt of applications is November 15. Applicants should submit a letter of application and CV to:

John H. Kersey, M.D., Chair, Search Committee  
University of Minnesota Cancer Center  
Box 86 UMC  
420 Delaware Street, SE  
Minneapolis, MN 55455

The University of Minnesota is an equal opportunity educator and employer.

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**DIRECTOR OF LICENSING**

A rare opportunity currently exists at IGEN, Inc. for an ambitious commercially aware Licensing Affairs Executive to join a medium size diagnostics and pharmaceutical business that is committed to planned expansion. IGEN and its related companies are developing innovative technology for diagnostic systems, cancer therapies, and gene therapy.

The ideal candidate for this position will have gained significant licensing experience in blue chip biotech/pharmaceutical companies. Responsible for all the licensing activities of the company, you will work with a small group of well qualified professionals in a dynamic, entrepreneurial environment. You must have the business acumen and technical skills to pursue the best opportunities with evidence of a proven track record of success. Solid leadership skills and the ability to embrace change in this fast paced climate will form the foundation of an exciting career for this key executive.

If you have a Ph.D., the above qualifications, the ability to think globally, coordinate many tasks, and thrive on challenge, please mail or fax your resume and complete salary history to:

**IGEN, Inc.**  
16020 Industrial Drive  
Gaithersburg, MD 20877  
Fax: 301-947-6998  
Attn: Human Resources/HS.

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**THE OHIO STATE UNIVERSITY**  
**DEAN OF THE COLLEGE OF ENGINEERING**

The Ohio State University invites applications and nominations for the position of Dean of the College of Engineering, including the Austin E. Knowlton School of Architecture. The position will be available July 1, 1997.

The College of Engineering comprises a distinguished 250-person faculty serving 5,000 undergraduates and 1,600 graduate students in 10 academic units. The Dean of Engineering oversees a total budget of $86M, including one of the largest engineering research budgets among public institutions in the United States, and has the support of 35,000 College of Engineering alumni.

We are seeking a candidate with demonstrated leadership and vision to shape engineering education into the next century. The candidate should be a strong advocate for collaborative and broad-based engineering involvement with science and other disciplines, strongly committed to serving student needs, and a distinguished engineer or applied scientist with an international reputation in research and manifested expertise in organizational management, communication, and leadership. As a key member of the university leadership, the Dean is expected to contribute to the broad academic and cultural missions of the entire university.

The Search Committee will begin reviewing dossiers on December 1, 1996, and will continue to receive and review applications until the Dean is selected. Applicants should send a letter expressing their interest and qualifications, a curriculum vitae, and the names, addresses, and telephone numbers of three references to: Prof. L.-S. Fan, Chair, Search Committee for the Dean of the College of Engineering, The Ohio State University, 140 W. 19th Avenue, Columbus, OH 43210.

*The Ohio State University is an Equal Opportunity, Affirmative Action Employer. Qualified women, minorities, Vietnam-era veterans, disabled veterans, and individuals with disabilities are encouraged to apply.*
Enzymology, Senior Scientist
 Candidates must have a PhD in Biochemistry or Chemistry, two or more years relevant post-doctoral experience, and at least three years of industrial experience in drug discovery research. Candidates must possess strong analytical skills, an in-depth understanding of enzyme kinetics and mechanism, and a demonstrated ability to solve enzyme mechanistic problems using a broad range of experimental approaches.

Enzymology, Associate Scientist
 Two positions are available and, to qualify the candidates must have a BS or MS in Biochemistry or Chemistry. Candidates must have experience in purifying and characterizing native mammalian proteins and recombinant proteins and have a demonstrated ability to perform and understand enzyme assays. Industrial and molecular biology experience is a plus.

Molecular Biology, Scientist
 Candidates must have a PhD in Molecular Biology and at least two years post-doctoral experience. The candidates must possess strong experimental skills and have broad experience in the cloning and expression of mammalian proteins in prokaryotic and eukaryotic expression systems. A demonstrated ability to conduct independent research utilizing a broad base of molecular biological concepts and techniques is required.

Cell Biology, Senior Scientist
 Candidates must have a PhD in Cell or Molecular Biology, two years of relevant post-doctoral experience, and at least three years conducting research as a principal scientist. Candidates must have a demonstrated ability to probe receptor/ligand interactions and in-depth knowledge and experience in signal transduction. Industrial experience is a plus.

Cell Biology, Associate Scientist
 Candidates must have a BS or MS in Cell or Molecular Biology and a broad experience in cell biological techniques as applied to receptor biology and signal transduction.

ProScript offers an intellectually challenging environment where innovation and creativity is rewarded. These positions offer excellent benefits including health, dental and a 401(k) plan.

Please state the position of interest and send a detailed Curriculum Vitae along with the names of three references to:

Human Resources,

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38 Sidney Street
Cambridge, MA 02139
No phone calls, please.
An equal opportunity employer.

GILEAD SCIENCES

Medicine At The Core Of Life
Few biotechnology companies can offer you the promise and excitement of Gilead Sciences. We are a leader in the discovery and development of a new class of broad spectrum antiviral therapeutics that will provide powerful new treatments for CMV retinitis, HIV and other viruses. Here, you'll be a part of a company that takes pride in its achievements, knowing that patients may benefit from the products we create.

RESEARCH SCIENTIST
Biochemistry & Virology
Working as an integral part of a team performing applied research on CMV and HIV, you will carry out research programs that support the development of approved therapeutics as well as molecules under evaluation in clinical trials and other pre-clinical candidates. Your PhD and 2+ years of postdoctoral experience (industry experience a plus) should demonstrate strong molecular biology expertise, including tissue culture skills and virology experience. Familiarity with protein expression and purification techniques, plus prior experience working with viral and mammalian enzymes is desired.

At Gilead, we are committed to developing important treatments for a wide range of viral diseases, including AIDS. As you will discover, we are as committed to opportunity as we are to scientific achievement. To learn more, please send or fax your C.V. resume to: Human Resources, Gilead Sciences, Inc., 353 Lakeside Drive, Foster City, CA 94404, fax (415) 573-4800. We are proud to be an equal opportunity employer.

GILEAD SCIENCES
The Power of Positive Medicine
Autoimmune, Inc. of Lexington, Massachusetts is developing orally administered proteins which may be useful treatments for autoimmune diseases such as Multiple Sclerosis and Rheumatoid Arthritis. The company is now conducting Phase II and Phase III studies of its lead products.

The Immunology Department has openings for scientists with expertise in immunology, cell biology, tissue culture, bioassays, ELISAs, and in vivo immune response models. The team is involved in the analysis of oral tolerance in the treatment of autoimmune disease in both animal models and human clinical trials.

**IMMUNOASSAY DEVELOPMENT SCIENTIST**
Responsibilities include developing novel assays to assess the clinical immune response to oral tolerogens used in the treatment of autoimmune disease. Qualifications for the position include a Ph.D. degree in Immunology and 0-2 years postdoctoral experience in cellular immunology pertinent to investigating HLA-restricted protein antigen-specific T cell responses. Experience in both in vitro and in vivo murine and in vitro human systems is essential. (Job Code 205-IAD/S)

**CLINICAL TRIAL SUPPORT SCIENTISTS**
Responsibilities include involvement in running in vitro cell culture and ELISA assays of human samples supporting ongoing clinical trials of oral tolerance therapy. These hands-on positions interact with a highly trained technical support staff.

Qualifications for the immunologist/biologist position include a Ph.D./M.D. with postdoctoral experience running human biological assays. Strong written and impeccable record keeping skills are required. (Job Code 205-TRS/S)

Please send resumes to: Human Resources, Autoimmune Inc., 126 Spring Street, Lexington, MA 02173. No phone calls please. We are an Equal Opportunity Employer. We do not discriminate on the basis of race, religion, color, sex, age, national origin, or disability.

Company information available at http://www.autoimmuneinc.com

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**Research Opportunities**

Onyx Pharmaceuticals is a dynamic young company engaged in the development of therapeutics for cancer and other diseases associated with abnormal cell growth. We are currently seeking qualified candidates for the following opportunities:

**Scientist**

**Preclinical Development**
The successful candidate will direct the activities of a multi-disciplinary team developing replicating viruses for the therapy of cancer; provide expertise and leadership in the *in vitro* and *in vivo* evaluation of the anti-tumor efficacy of new viruses; study viral distribution and excretion; conduct pharmacokinetics and exploratory toxicity studies; and determine the immune responses to new viruses. Requires a Ph.D. in pharmacology, virology, immunology or related discipline: 5-8 years' experience in oncology/virology animal models; and outstanding supervisory & written/verbal communication skills. Knowledge of and experience in pharmacokinetics/biodistribution & immunology desirable. (Job# 96-30-PT)

**Research Associate**

**Molecular Virology**
The successful candidate will work on projects focusing on construction of recombinant adenoviruses for use in cancer therapy. Involves the use of routine molecular biological techniques including plasmid DNA isolation, PCR, restriction analyses, and mammalian cell transformations. Basic virological techniques will also be used. Requires a BS in biology or biochemistry with a minimum of 2 years of laboratory experience. Previous experience in molecular biology is essential; cell culture/virology experience is desirable. (Job# 96-29-PT)

To apply, please send/fax resume to: Onyx Pharmaceuticals, (Attn: Job#), 3031 Research Dr., Richmond, CA 94806. Fax: (510) 222-9387 or e-mail to Denise@onyx-pharm.com. EOE

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**University of California, at Berkeley**

**Professor of Microbiology (with emphasis on bacterial pathobiology)**

**Joint Appointment in the Department of Molecular and Cell Biology and the School of Public Health**

The Division of Biochemistry and Molecular Biology of the Department of Molecular and Cell Biology and the School of Public Health invites applications for a tenure-level faculty position. Applicants must have a Ph.D. and/or an M.D. degree and a minimum of 4 years of teaching and research experience. Candidates must have an outstanding level of achievement and expertise in prokaryotic genetics and the application of modern molecular and cellular biology approaches to dissection of prokaryote-eukaryote cell interactions. The candidate is expected to maintain an active and ongoing research program concerning the molecular and cellular bases of bacterial pathogenesis in humans. Duties will include developing and teaching undergraduate and graduate level courses in addition to directing graduate student research. Candidates should initially provide a statement of interest and qualifications, a summary of research objectives, and a detailed curriculum vitae, and arrange to have at least three letters of reference sent directly to:

Chair, Search Committee for Professor of Bacterial Pathobiology, Program in Infectious Diseases, Division of Public Health Biology and Epidemiology, School of Public Health, 19 Earl Warren Hall, University of California, Berkeley, CA 94720.

Closing Date: Postmarked prior to November 1, 1996.

The University of California is an Equal Opportunity/Affirmative Action Employer.

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**Washington School of Medicine**

**Assistant Professor Developmental Biologist**

The Department of Molecular Biology and Pharmacology at Washington University School of Medicine is recruiting an individual at the level of Assistant Professor on the tenure track. We are seeking an outstanding scientist working in the area of neurobiology. Special emphasis will be given to systems where genetic tools can be used to address fundamental questions regarding development of the nervous system. Our faculty utilize a broad range of organisms including yeast, C. elegans, Drosophila, and mice to investigate cell fate specification, pattern formation, proliferation, differentiation, migration, and death (http://pharmac.wustl.edu/).

Applicants should forward a curriculum vitae, a short summary of research plans, and three letters of recommendation by Dec. 1, 1996 to:

Search Committee (Attn: Jeffrey J. Gordon, Head) Department of Molecular Biology and Pharmacology Washington University School of Medicine 660 South Euclid Avenue, Box 8103 St. Louis, Missouri 63110

Washington University is an Affirmative Action/ Equal Opportunity Employer committed to increasing the representation of women and minority groups on its faculty.
Microbial Evolutionary Biologist
Tenure-track position at Assistant Professor level to begin September 1997; Ph.D. and postdoctoral experience required. The Biology Department at Western Washington University invites applications from those with expertise in microbial evolutionary relations. We are especially interested in those studying microbe/host interactions; prokaryotic/eukaryotic co-evolution; and prokaryotic diversity. Teaching responsibilities would include the initial course in cell biology, microbiology, evolution, and advanced courses in the specific area of expertise. The successful applicant will be expected to maintain an active research program involving advanced undergraduate and graduate (M.S.) students, and to seek extramural funding. The department is committed to excellence in undergraduate teaching, with research playing an important role in the educational process. Applicants should submit a curriculum vitae, concise statements of interests and accomplishments in both teaching and research, a transcript or list of theses coursework, and the names, addresses, phone numbers and e-mail addresses of four references to: June Ross, Search Committee Chair, Department of Biology MS-9160, Western Washington University, Bellingham, WA 98225; Phone (360) 650-3634; Fax (360) 650-3148; e-mail rossjrp@henson.cc.wwu.edu. Further information at http://www.wwu.edu/~biology.html.

We will begin reviewing applications on 1 November 1996, and the position will remain open until filled. An affirmative action/equal opportunity employer.

Insect Ecologist
Tenure-track position at Assistant Professor level to begin September 1997; Ph.D. and postdoctoral experience required. The Biology Department at Western Washington University invites applications from insect ecologists with expertise in nonidal wetlands or aquatic entomology. Teaching responsibilities will include introductory animal biology, entomology, ecology, and advanced coursework in the specific area of expertise. The successful applicant will be expected to maintain an active research program involving advanced undergraduate and graduate (M.S.) students, and to seek extramural funding. The department is committed to excellence in undergraduate teaching, with research playing an important role in the educational process. Applicants should submit a curriculum vitae, concise statements of interests and accomplishments in both teaching and research, a transcript or list of science coursework, and the names, addresses, phone numbers, and e-mail addresses of four references to: Roger Anderson, Search Committee Chair, Department of Biology MS-9160, Western Washington University, Bellingham, WA 98225; Phone (360) 650-40; Fax (360) 650-3632; e-mail anderson@biol.wwu.edu. Further information at http://wwu.edu/~biology.html.

We will begin reviewing applications on 14 October 1996, and the position will remain open until filled. An affirmative action/equal opportunity employer.

Public Health Service * National Institutes of Health
Baltimore, Maryland

CHIEF, LABORATORY OF GENETICS
NATIONAL INSTITUTE ON AGING

THE POSITION: National Institute on Aging (NIA), one of the world's largest and most comprehensive institutions in aging research, is initiating a new intramural laboratory to study genetics and aging and invites applicants for a tenured position as the chief of the laboratory. The qualified candidate must have an M.D. and/or Ph.D. and have experience in the study of genetics. This senior scientist will independently initiate a creative research program on identifying genes affecting the biology of cells in the aging process. The NIA continues to focus on aging as an intrinsic biological feature of cells and evaluates the role in aging of possess such as melanomagenic maintenance, mitochondrial DNA damage, accumulation of somatic mutations, and alterations in DNA repair mechanisms. In addition, the study of aging based upon novel approaches such as genomics is to be encouraged in this new research program. Interactions with the nascent Center for Inherited Disease Research of the National Center for Human Genome Research may be developed. The applicant should have a track-record of independent peer-reviewed research in the study of genetics and should possess qualifications that demonstrate competence in management and leadership ability. The NIA's intramural program on genetics is located on the campus of the Johns Hopkins Bayview Medical Center in Baltimore, Maryland.

HOW TO APPLY: Applicants should send curriculum vitae, bibliography names, address and telephone numbers of three references and a 100-word overview of a proposed program for the laboratory to:

NATIONAL INSTITUTE ON AGING, GERONTOLOGY RESEARCH CENTER
ATTN: KAREN MABEN, PERSONNEL OFFICE, BOX 26
4940 EASTERN AVENUE, BALTIMORE, MARYLAND 21224-2735

Applications must be postmarked by October 25, 1996.

Selection for this position will be based solely on merit, with no discrimination for non merit reasons such as race, color, religion, sex, national origin, politics, marital status, physical or mental disability, age, sexual orientation, or membership or non-membership in an employee organization. NIH is an Equal Opportunity Employer.

Department of Health and Human Services * Public Health Service
National Institutes of Health * National Institute on Aging

CHIEF, LABORATORY OF BIOLOGICAL CHEMISTRY

The Intramural Research Program of the National Institute on Aging (NIA), Baltimore, Maryland invites nominations and applications for the position of Chief, Laboratory of Biological Chemistry. This is a Civil Service Position. Starting salary commensurate with qualifications and experience. Candidates may be eligible for Physicians' Competency Allowance up to $20,000 per year. Alternatively, candidates may be eligible for appointment in the Commissioned Corps of the U.S. Public Health Service as well as the Senior Biomedical Research Service.

The Chief of the Laboratory of Biological Chemistry will be responsible for conducting and coordinating research on basic mechanisms of aging, on response of cells to damaging environmental agents, on factors involved in cellular senescence and proliferation, on age associated diseases and disabilities.

The Chief of the Laboratory of Biological Chemistry is responsible for a sizable intramural research laboratory with at least five other independent tenured and tenure track senior investigators. The current members of the laboratory maintain research efforts in angiogenesis, alterations in tumor cell growth in aged animals, cartilage biology, bone biology, mitochondrial function, and the biochemistry of neurodegenerative diseases. The ideal candidate will have demonstrated an interest in the study of aging and/or age-related diseases or process and a proven record of excellence in laboratory research.

Applicants must have a Doctoral Degree with a record of outstanding scientific accomplishments in the field of Biological Chemistry and Cell Biology. In addition, applicants should possess qualifications that demonstrate competence in executive level management and leadership ability.

Applicants should send a current curriculum vitae and bibliography to:

GERONTOLOGY RESEARCH CENTER, NATIONAL INSTITUTE ON AGING
ATTN: KAREN MABEN, PERSONNEL OFFICE, BOX 26
4940 EASTERN AVENUE, BALTIMORE, MARYLAND 21224

Applications must be postmarked by October 25, 1996.

NIH is an Equal Opportunity Employer.
**NATIONAL UNIVERSITY OF SINGAPORE**

**BIOSCIENCE CENTRE**

The Bioscience Centre is an initiative of the Economic Development Board of Singapore that conducts multidisciplinary research on bioactive compounds. The Centre has the following career opportunities for highly motivated individuals:

**Research Associate/Fellow**

Ph.D. or equivalent research experience in an area relevant to the mission of the Bioscience Centre. Candidates with experience in marine microbiology, pharmacology, drug-discovery and/or screening, combinatorial chemistry, mass and/or NMR spectroscopy or patch clamp technology are also welcomed to apply. Candidates are encouraged to submit an outline of their research interests and a general research proposal consistent with the mission of the Centre.

**Postdoctoral Fellow**

Ph.D. in biochemistry, preferably with experience in protein chemistry, radio-labeling and receptor-binding studies. The successful candidate will work on structure-function and mechanism of antiplatelet phospholipase A2. Experience with platelet aggregation and/or venom chemistry will have an added advantage.

The appointments will be for a period of two (2) years in the first instance, with the possibility of extension.

An attractive remuneration package which will be commensurate with qualifications and experience and the level of appointment will be offered to the right candidates.

For more details, you may contact Dr. John Foo and Dr. R. Manjunatha Kini at their respective e-mail addresses: bscgen1@nus.sg and bscskinim@nus.sg or via fax at +65 779 2486.

Qualified applicants are invited to submit their applications with a detailed resume, including the names and addresses of three (3) referees, to:

Director
Bioscience Centre
Faculty of Science
National University of Singapore
10 Kent Ridge Crescent
Singapore 119260

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**Associate or Full Professorships in Dentistry**

**Faculty of Dentistry**

**KUWAIT UNIVERSITY**

The Faculty of Dentistry, Kuwait University, is a newly established faculty which is planning to admit students to its undergraduate program in 1998. Together with the Faculty of Medicine, the Faculty of Pharmacy, and the Faculty of Allied Health Sciences and Nursing, the Faculty of Dentistry is a part of the Health Sciences Center. It now invites applications for five full-time faculty positions in:

- Pedodontics and Orthodontics
- Oral and Maxillofacial Surgery with Oral Diagnostic Radiology
- Conservative Dentistry with Endodontics
- Periodontics with Dental Public Health
- Prosthetic Dentistry

The successful applicants will be participating in the development of the faculty. They will be teaching at both the undergraduate and the postgraduate levels and will be required to establish research programs within the Health Sciences Centre. Therefore, applicants should be board certified specialists (or equivalent) in conservative dentistry, in oral and maxillofacial surgery, in pedodontics or orthodontics, in periodontics or in prosthetic dentistry. Research experience at the doctorate level is required. Applicants should also have teaching experience within their specialty.

Rank and salary will be commensurate with experience and qualifications. Appointments are subject to contract.

Kuwait University offers:

- 12 month tax free salary
- 2 month paid summer vacation
- Other benefits include: housing and furniture allowance, annual air tickets for appointee, spouse, and 3 children up to the age of 18, free national health medical care, free tuition for dependent children under the age of 18 up to high school in accordance with Kuwait University regulations; paid mid-term holidays and summer vacations, and end of service gratuity equal to one month of basic salary for each year of service.
- Financial support for research through competitive awards system.

Letters of application accompanied by a complete curriculum vitae and the names and addresses, telephone and fax numbers, and E-MAIL addresses of three referees should be submitted no later than 30 September 1997, to:

Dr. Basil Al-Nakib
Vice President
Health Sciences Centre, Kuwait University
P.O. Box 24923, Safat 13110
Kuwait

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**FRONTIER RESEARCH PROGRAM RIKEN**

**POSTDOCTORAL POSITIONS**

**LABORATORY FOR NEURONAL CIRCUIT DEVELOPMENT**

The government-funded Frontier Research Program at the Institute for Physical and Chemical Research (RIKEN) is a leading international neuroscience research center located near Tokyo, Japan. The new Laboratory for Neuronal Circuit Development is currently searching for team members to establish a vigorous group focused on the cellular mechanisms of activity-dependent plasticity and development in the mammalian CNS.

Positions and funding for up to five years will be available beginning January 1997 to study multiple levels of neuronal function in visual circuitry. Our approach spans synaptic transmission in brain slices, extracellular physiology in intact preparations, behavioral analyses in awake animals, and neuroanatomical tract-tracing.

Prospective candidates should have a Ph.D. degree with a background in electrophysiology, in vivo/in vitro, or chronic recording of behavioral states. Please send curriculum vitae and a list of two references to: Takao Kurt Hensch, UCSF Department of Physiology, 513 Parnassus Avenue, S-762, San Francisco, CA 94143-0444, USA. Fax: 1-415-665-8157; E-mail: hensch@phy.ucsf.edu.
Postdoctoral Research Associateship Awards
at the EPA's Mid-Continent Ecology Division of the National Health and Environmental Effects Research Laboratory, Duluth, MN

Competitive research Associateship awards, sponsored by the National Research Council, will be offered for on-site research at the USEPA facility in Duluth, MN. Ongoing research at this facility addresses hypotheses in ecotoxicology and freshwater ecology that are designed to reduce uncertainties in ecological effect characterization.

Research opportunities are available in:
- **Toxic Mechanisms and Toxicokinetics:**
  a) Phase I and II Xenobiotic Metabolism Studies in Fish/ linkage with Fish Physiologically-based Models, and b) Fish Neurotoxicological, Neurodevelopmental and Behavioral Investigations.
- **Ecological Toxicology:**
  a) Developmental and Reproductive Biology of Fish and/or Amphibians, b) Computational Chemistry and/or QSAR for Effects on Endocrine Systems of Aquatic Organisms, and c) Chemical Bioavailability: Influence of Speciation and Environmental Partitioning on Bioaccumulation and Toxicity.
- **Watershed and Ecosystem Characterization (Stream and/or Wetland Emphasis):**
  a) Modeling Wetland/Watershed Interactions; and b) Stressor-effect Linkages at Ecosystem, Community or Population Study Levels.

For further information, send letter on or before October 11, specifying interest in one of the above research areas to:

NRC Postdoctoral Program
USEPA, MED-Duluth, 6201 Congdon Blvd.
Duluth, MN 55804

Awards include a competitive stipend, support for relocation, travel to professional meetings and health insurance. Duration of each award is one year renewable to a maximum of three. Application deadline is January 15 for research to begin on or after May 15, 1997.

Application materials may be obtained from:

**THE NATIONAL RESEARCH COUNCIL**

12114 TX-2109 Constitution Ave. NW, Washington, DC 20418
FAX: (202) 334-2759 EMAIL: rap@nas.edu

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**GLOBAL CAREER OPPORTUNITIES**

**NATIONAL UNIVERSITY OF SINGAPORE**

**LEE KUAN YEW POSTDOCTORAL FELLOWSHIP**

Applications are invited for the **Lee Kuan Yew Postdoctoral Fellowship** from candidates with excellent academic records and proven research ability who have obtained their Ph.D. degrees in the last few years.

The Fellowship will be tenable for 3 years in the first instance, with possible extension for 2 further years. It will be held concurrently with the candidate's appointment as a research staff member in one of the following Faculties/Institutes:

- Faculty of Engineering
- Faculty of Medicine
- Faculty of Science
- Institute of Systems Science
- Institute of Molecular Agrobiology
- Institute of Molecular and Cell Biology
- Institute of Microelectronics
- Data Storage Institute

Under the Fellowship, a tax-free stipend of US$1,500 per month will be provided. This will be in addition to the following provisions normally provided to a research staff member:

- Gross annual salary ranges from S$52,000 to S$74,300 (the commencing salary will depend on the appointee's qualifications and experience). In addition, a 13th month Annual Allowance and an Annual Variable Component may be payable at year end, under the flexible wage system applicable to staff on normal contracts.

- Leave and medical benefits will be provided. Depending on the type of contract offered, other benefits may include: provident fund benefits or an end-of-contract gratuity, a settling-in allowance, subsidized housing, education allowance for up to three children subject to a maximum of S$16,425 per annum per child, and passage assistance and baggage allowance for the transportation of personal effects to Singapore.

(US$1.00=SS$1.39 approximately)

All academic staff will be given a networked personal computer (Pentium or Macintosh Power PC) with access to a Cray supercomputer, UNIX hosts, departmental laser printers, a wide spectrum of software, on-line library catalogue, CD-ROM databases, Teleview, INtv, and Internet.

Applicants for the Fellowship should send their detailed curriculum vitae and list of publications to:

- **The Director**
- **Personnel Department**
- **National University of Singapore**
- **10 Kent Ridge Crescent**
- **Singapore 119260**
- **or Telephone: (65) 778 3948**

Closing Date: 30 September 1996

Only shortlisted candidates will be notified.

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**研究世界三極体制の一翼を担う国際感覚豊かな研究・開発スタッフを募集します。**

世界的バイオハザード研究三極体制を計画し、ドイツアメリカにより京都に中心研究所が開設され、その一翼を担うここではアレルギー・自己免疫疾患分野を担当。ドイツ・アメリカの研究者と頻繁に交流を行いながら、医薬品の質的向上と新薬創製をめざす。

**研究職**

次の分野に関わる研究で、Ph.D.または同等の知識・経験のある方、ポストドク研究員歓迎。

- アレルギー分野
- 自己免疫疾患分野
- 病様学等分野
- 化学分野：免疫・アレルギー関連研究者歓迎
- 有機合成化学（天然物合成化学）
- コンピューターサイエンティフィック（企業での研究経験のある方）

**研究職応募資格**

- Bilingual（Japanese & English）入社時期は相談に応じます。
- 履歴書・卒業証明書の添付は必須です。
- 受験時期：11月15日（受験金1500円）
- 勤務地：関西地方（京阪電車夢野駅から20分）

**海外留学生学生会**

- **会場**：B-020（築堤）
- **住所**：大阪市天王寺区山田通3-3-37

**応募資格**

- 活動研究：関西地方関連分野に関わる興味のある方で、1997年度内に日本以外の大学を卒業予定の者。Bilingual要求です。修士以上及び博士候補者。

**応募方法**

- 11月17日までに、原則、BilingualEnglish者を第一に、修士以上及び博士候補者。
- 11月17日までに、原則、BilingualEnglish者を第一に、修士以上及び博士候補者。

**Bayer**
DEPARTMENT OF CHEMISTRY FACULTY POSITIONS

Wayne State University Department of Chemistry invites applications for FACULTY POSITIONS in organic and physical chemistry. Candidates are expected to be enthusiastic and well trained in traditional areas. Applicants are expected to establish a strong, visible research program and maintain a commitment to excellence in undergraduate and graduate teaching. Post-doctoral experiences are also acceptable. Applicants should send a complete resume, a statement of research plans, and arrange to have three letters of recommendation sent to: Professor C. R. Johnson, Chair, Faculty Search Committee, Department of Chemistry, Wayne State University, Detroit, MI 48202. The deadline for receipt of applications is October 18, 1996. Wayne State University is an Equal Opportunity/Affirmative Action Employer. Women and minority candidates are encouraged to apply.

FACULTY POSITION
Division of Basic Sciences
Fred Hutchinson Cancer Research Center

The Division of Basic Sciences of the Fred Hutchinson Cancer Research Center (FHCRC) is soliciting applications to fill an open faculty position at the JUNIOR FACULTY level. Applicants with outstanding accomplishments in any field of organic, cellular, and/or developmental biology will be considered. Candidates should send a curriculum vitae, a concise statement of their research plans, and three letters of reference to: Fred Hutchinson Cancer Research Center Division of Basic Sciences Mailstop: B1-030 1124 Columbia Street Seattle, WA 98104 Application deadline: October 31, 1996. FHCRC is an Equal Opportunity Employer committed to workforce diversity.

CHAIR POSITION
MATERIAL/POLYMER CHEMISTRY

The School of Chemistry and Biochemistry of the Georgia Institute of Technology announces the opening of a CHAIR POSITION for a program in polymer chemistry. Successful candidates will have achieved international recognition and demonstrated leadership in interdisciplinary research involving polymer chemistry. Particularly relevant areas are biopolymer materials, natural polymer chemistry, and biomaterials. Applicants should send a letter of application, current curriculum vitae, and the names of at least three references to: Chairman, Faculty Search Committee, School of Chemistry and Biochemistry, Georgia Institute of Technology, Atlanta, GA 30332-0400. Nominations of potential candidates are also solicited. Applications will be evaluated as they are received, and the search will remain open until the position is filled. Applications from the underrepresented groups are particularly encouraged. Georgia Tech is an Affirmative Action/Equal Opportunity Employer.

FACULTY POSITION
The Salt Lake Geriatric Research, Education, and Clinical Center (GRECC) and the University of Utah School of Medicine are seeking applicants to join our ongoing research program in the Basic Science of Aging. Candidates must have a Ph.D. and/or M.D. with at least two years of postdoctoral training and research experience in the effects of aging on the endocrine, immune, or nervous system. Full-time appointment will be made that will include the Department of Internal Medicine. Faculty rank is dependent upon qualifications of the applicant. Salt Lake City is well situated for a variety of outdoor activities, offers low-cost living, and has an excellent climate. Interested candidates may have teaching opportunities including theater, a major symphony orchestra, opera, chamber music, and musical theater. Send curriculum vitae and three letters of reference to: Richard G. Atten Pratt, VA Medical Center, Salt Lake City, UT 84148. Call GRECC, 801-584-2522 for more information. Recruitment is ongoing until a suitable candidate is identified. Affirmative Action/Equal Opportunity Employer.

TWO FACULTY POSITIONS
DEPARTMENT OF BIOLOGY
Indiana University, Bloomington

Molecular Biology/Biochemistry: The Department of Biology invites applications for a FACULTY POSITION in the area of molecular biology and biochemistry. We seek candidates working on any system(s), prokaryotic or eukaryotic.

Developmental Biology: The Department of Biology invites applications for a FACULTY POSITION in the area of developmental biology, including developmental mechanisms in an eukaryotic system and testing a genetic, cell biological, and/or evolutionary approach. For both positions we seek candidates with strong records of research accomplishment, and both positions may be filled AT ANY RANK. Applications will be accepted until November 1, 1996. Successful candidates will be expected to pursue independent research programs and to contribute to the department’s teaching. Applications should include a curriculum vitae and a statement of research plans. Candidates at the Assistant Professor level are expected to arrange to have three or more letters of recommendation forwarded to the search committee. Applications received by November 1, 1996, will be assured of consideration. Applications for the molecular biology position should be sent to the Molecular Biology Search Committee, Department of Biology, Indiana University, Bloomington, IN 47405, while applications for the development position should be sent to the Development Search Committee, same address.

For more information about the department, see our home page: http://www.bio.indiana.edu. Indiana University is an Affirmative Action/Equal Opportunity Employer, and strongly encourages women and members of minority groups to apply.

FACULTY POSITION
DEPARTMENT OF PHYSIOLOGY AND BIOPHYSICS
UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES

The Department of Physiology and Biophysics invites applications for a full-time TENURE-TRACK FACULTY POSITION. Research areas of interest to the department include but are not limited to molecular endocrinology and/or membrane mechanical properties, and signal transduction. Applications are encouraged from individuals who use cellular or molecular approaches. The successful candidate is expected to develop a vigorous independent research program and participate in the education of medical students and graduate students. Competitive startup funds and new laboratory space will be provided. Appointment will be at the rank of Assistant Professor. Applicants should hold a Ph.D. or M.D. degree in chemistry or a closely related field. Interested applicants should submit a curriculum vitae, statement of research interests, and the names and addresses of three individuals who may be contacted for letters of recommendation to: Michael L. Jennings, Ph.D., Chairman Department of Physiology and Biophysics University of Arkansas for Medical Sciences 4301 West Markham Street, Mail Slot 505 Little Rock, AR 72205 In order to receive full consideration by the search committee, applications should be received no later than October 15, 1996. The University of Arkansas is an Equal Opportunity Employer and welcomes applications from women and minority group members.

UNIVERSITY OF CALIFORNIA, LOS ANGELES INORGANIC FACULTY POSITION

The Department of Chemistry and Biochemistry of the University of California, Los Angeles intends to make a TENURE-TRACK FACULTY appointment in inorganic chemistry at the ASSISTANT PROFESSOR level. Applicants are encouraged to consider the position. The chemistry department, in consultation with the department of Chemical Engineering, will consider candidates with expertise in inorganic chemistry. Candidates must give evidence of potential distinction in scholarship and teaching. Applicants should provide a curriculum vitae, a description of proposed research program, and names of at least three people who can arrange for letters of recommendation from three professional references. Applications should be completed no later than November 1, 1996. Send a brief letter of introduction and application materials to: Chair, Inorganic Search Committee, Department of Chemistry and Biochemistry, University of California, Los Angeles, CA 90095-1569. The University of California is an Equal Opportunity Employer.

FACULTY POSITIONS IN PHYSIOLOGY
University of North Carolina at Chapel Hill

The Department of Physiology at the University of North Carolina at Chapel Hill invites applications for two tenure-track faculty positions at the ASSISTANT PROFESSOR level from candidates with a Ph.D., M.D. or the equivalent degree. The successful candidates will be expected to develop research programs and to participate in teaching at both the graduate and undergraduate level. Appointment at higher rank will also be considered. Successful candidates will be expected to establish vigorous research programs investigating physiologic processes at the molecular and cellular levels and to participate, particularly in the department’s graduate and medical student teaching programs. Applications from all physiological disciplines will be considered. Positions are contingent upon funding. For information about AID, contact the chair of the search committee or see our website at http://www.med.unc.edu/wrkunits/2deptfs/physiol. Send a complete curriculum vitae, a brief description of research interests, and the names, addresses, and telephone numbers of three references to: Physiology Search Committee, Department ofPhysiology, CB 7545, University of North Carolina at Chapel Hill, NC 27599-7545. (Inquiries about North Carolina, Chapel Hill is an Affirmative Action/Equal Opportunity Employer. Minorities and women are especially encouraged to apply.)

THE UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER AT DALLAS
Assistant/Associate/Professor

The Department of Biochemistry at the University of Texas Southwestern Medical Center announces an initiative to establish a broad-based research program in chemistry at the interface with biology/medicine commensurate with its international standing in other fields. Applications are invited for a tenure-track position at the ASSISTANT PROFESSOR level, although more senior ranks are considered. Candidates should hold a Ph.D. degree in chemistry with demonstrated productivity in the total synthesis of biologically active molecules or characterization of natural and synthetic products. The selected individual is expected to develop an independent research program at the frontiers of synthetic organic and natural products chemistry. U.T. Southwestern has an outstanding faculty including four Nobel Laureates and 10 members of the National Academy of Sciences. The Biochemistry Department offers an excellent intellectual environment for interdisciplinary research, generous start-up support, and a strong commitment to teaching. See: http://www.utsouthwestern.edu for additional information concerning U.T. Southwestern and its faculty. Applicants should submit a curriculum vitae, a brief statement of research interests, and the names, addresses, and telephone numbers of three references to: Professor J. R. Falk, Department of Biochemistry, University of Texas Southwestern, 5323 Harry Hines Boulevard, Dallas, TX 75235-9038. The University of Texas Southwestern Medical Center is an Affirmative Action/Equal Opportunity Employer. Women and minority candidates are encouraged to apply.

HARVARD UNIVERSITY ASSISTANT PROFESSOR Molecular and Cellular Biology (MCB)

The Department of Molecular and Cellular Biology (MCB) has an opening for an ASSISTANT PROFESSOR (entry-level) position starting September 1997. Our department includes a broad range of fields in molecular biology, cellular biology, developmental biology, structural biology, neurobiology, and molecular genetics. We are particularly interested in candidates specializing in research at the interface between chemistry and biology. Applications should include a curriculum vitae, reprints of publications, and a statement of present and future research interests. Complete applications and letters of recommendation should be received no later than October 15, 1996. Send applications and three letters of recommendation, solicited by the applicant, to: MCB Search Committee, Harvard University, 7 Divinity Avenue, Cambridge, MA 02138. Telephone: 617-495-2527. Harvard University is an Affirmative Action/Equal Opportunity Employer. We strongly encourage applications from women and minority groups.
OPPORTUNITIES
IN SCIENCE,
PUBLIC HEALTH

The American Medical Association, the nation's most influential physician member organization, seeks dedicated individuals to impart vision and action while representing the AMA in one of the following roles:

DIRECTOR
 Division of Drugs & Technology Standards
This position will manage the division and provide leadership in biomedical research and clinical science (incl. medical technology and therapeutics). Responsibilities: develop/implement strategic directions in these areas, assist with policy development and determine medical practice standards, track and interpret scientific advances, and serve as advocate for biomedical science and clinical research. Requires a doctoral degree (MD pref.) in a health science field and 10+ yrs. related exp. to include clinical research and/or academic or government background. Strong administrative and presentation skills necessary; exp. with funding development highly desired. (Code 2872-SDB)

PROJECT DIRECTOR/SENIOR SCIENTIST
Biomedical Science and Clinical Research
This new position will establish credible advocacy for biomedical science and clinical research, enhance relationships with research and professional organizations, and help develop a new physician education project in medical genetics. Other responsibilities include generating reports and assisting with policy development. Requires a doctorate in a health science field with at least 3 yrs. exp. in research, human genetics, academic or government service. Strong presentation skills important. (Code: 3263-SZA)

SCIENTISTS
Department of Drug Policy
Two positions are available. Position #1 requires expertise in the areas of immunology, virology, infectious disease therapy, and biotechnology products. Position #2 requires expertise in the areas of general pharmacology and physiology. Both positions will write scientific reports and plan/perform activities to inform physician members, staff and the public on subjects regarding areas of expertise. For both, we require a doctorate in a biomedical science, postdoctoral exp., and a willingness to cover broad areas of biomedical science. Success in obtaining grant funding is desirable. (Codes: Position#1 3265-SDB; Position #2 3263-SDB).

All positions require exceptional analytical, writing, interpersonal and organizational skills and record of publication.

We offer a competitive salary and comprehensive benefits. If you’re ready to join a leader the in medical community, please forward or e-mail resume and salary history to: Carol Sprague, Div. of Placement, Dept. CES-(insert position code), AMA, 515 N. State, Chgo., IL 60610. FAX: 312/464-5871. E-mail: placement@ama-assn.org EOE.

American Medical Association
Physicians dedicated to the health of America

515 North State Street
Chicago, Illinois 60610

We’re Looking At The Future From Every Angle.

Imagine the environment where your expertise is continually challenged, where your ideas fuel the generation of new technologies. At GEO-CENTERS, INC., we supply all the support you’ll need to create real-world solutions to scientific, engineering and technical problems. And while our philosophy is grounded in the pursuit of imagination and creativity, our market — responsive services and sound business practices — has established us as one of the 500 fastest growing companies in America. Take advantage of our strength to heighten your success.

Immunology (Code 2388)
Candidate needed to develop immunological-based biosensor technologies. Individual should possess a broad scientific background with a Ph.D. in immunochemistry or a related field, as well as have demonstrated laboratory experience in sensor applications.

Bioanalytical Chemistry (Code 2389)
Bachelor’s and/or Master’s level individual to support current biosensor R&D efforts. Candidates should possess a broad scientific background with a degree in chemistry or a related field, as well as demonstrated laboratory experience in analytical, bio and/or organic chemistry.

Biosensor Hardware Development (Code 2390)
Candidate needed to assist in the development of a fluid cell and micro-mechanical sensing mechanism for a magnetic particle based biosensor technology. Individual should possess a Ph.D. in physical chemistry, applied physics, engineering or related field and have direct experience in several of the following: micro-mechanical devices/micro-instrumentation, low-noise and lock-in electronics, corrosion and fouling, magnets, and biosensor technology.

Biosensor Design (Code 2391)
Candidate needed to assist in the development of a magnetic particle sensing system for a micro-fabricated biosensor system. Individual should possess a Ph.D. in applied physics, physical chemistry, engineering or related field and have direct experience in several of the following: MRAM, GMR materials and devices, micro-fabrication, magnetic materials, magnetic field detection, electronic design, computer modeling of magnetic fields, scientific instrumentation design, and biosensor technology.

GEO-CENTERS, INC. offers a highly competitive salary, generous benefits and relocation assistance. U.S. CITIZENSHIP OR GREEN CARD IS REQUIRED. Applicants selected may be subject to a security investigation and must meet eligibility requirements for access to classified information. Candidates should forward their resume, salary requirements and references to GEO-CENTERS, INC., 10903 Indian Head Highway, Fort Washington, MD 20744, Attn: Deborah Hall-Greene/Code _______.

GEO-CENTERS, INC. is an Equal Opportunity/Affirmative Action Employer. (Principals only - No phone calls please.)

GEO-CENTERS, INC.
Tomorrow’s Technologies, Today’s Applications.
**ASSISTANT PROFESSOR (TWO TENURE-TRACK POSITIONS)**

**Environmental Pathology/Pathobiology**

The Department of Pathology and Laboratory Medicine at Brown University is seeking two experimental pathologists for three-year renewable tenure-track, campus-based positions as **ASSISTANT PROFESSOR** of Medical Science. The successful candidate will be expected to establish a dynamic and extramurally funded research program and to participate actively in undergraduate and graduate teaching, training, and advising. The University of Wisconsin-Madison is currently the most competitive institution in the nation for the education and training of scientists and engineers, and maintains a student population of superior caliber. This position represents an outstanding academic research opportunity for a junior investigator. Salary, fringe benefits, and start-up packages are nationally competitive and are commensurate with qualifications and experience. Please send a detailed curriculum vitae, including research accomplishments and interests, a statement of future plans, a list of publications; representative reprints; a list of potential teaching interests or relevant experience; and three letters of recommendation to: Search Committee Chair, Department of Bacteriology, University of Wisconsin-Madison, 550 Linden Drive, Madison, WI 53706-1567. The application deadline is October 1, 1996. The University of Wisconsin-Madison is an Equal Opportunity/Affirmative Action Employer. Women and minorities are strongly encouraged to apply.

**MOLECULAR GENETICS**

The Department of Biological Sciences in the Faculty of Science at the University of Alberta invites applications for a full-time tenure-track position in molecular genetics of eukaryotes. We seek applicants who will add to our existing research strengths in areas such as: membrane biology, cell biology, molecular biology of lung diseases, drug delivery and tissue engineering. The effective date of employment will be July 1, 1997. The appointment will be made at the level of **ASSISTANT PROFESSOR** (salary range: $39,250 to $55,526), and candidates must have a Ph.D. and postdoctoral research experience. In accordance with Canadian immigration requirements, we will be able to hire citizens or permanent residents of Canada. Candidates should forward a curriculum vitae, list of publications, brief statement of research and teaching interests, and the names of three referees to: Dr. S. E. Jensen, Department of Pathology and Laboratory Medicine, CW405 Biological Sciences Building, University of Alberta, Edmonton, Alberta, Canada T6G 2E9. Email: susan.jensen@ualberta.ca. For additional information contact the Department of Biological Sciences at http://www.biology.ualberta.ca/Closing date: October 31, 1996. The University of Alberta is committed to the principle of equity in employment. As an employer we welcome diversity in the workplace and encourage applications, in all qualified persons, from all sectors of society, including women, members of visible minorities, persons with disabilities, and members of visible minorities.

**PLANT ECOLOGIST**

Tenure-track position starting July 1997 at the **ASSISTANT PROFESSOR** level. Qualifications we seek include: 1) the Ph.D. plus combined teaching and research strengths and a commitment to research with undergraduates; 2) experience and facility in field and laboratory studies; 3) broad interests in pure, applied and evolutionary ecology. Teaching responsibilities in our 11-member biology department will include lecture and laboratory in an evolution-centered introductory course having Mendelian genetics and ecology as components; an elective course in one’s specialty; and laboratory involvement in the college’s interdisciplinary environmental studies program. Enrolling 1,800 students, Franklin and Marshall is a coeducational liberal arts college with a strong science tradition, including the broadest possible meaning of research and teaching. Most biology majors continue their training in graduate or professional schools. The College is committed to cultural pluralism through the hiring of minorities and women (Equal Opportunity/Affirmative Action Employer). Send curriculum vitae plus statements of teaching and research approaches by October 15, and arrange for graduate and undergraduate transcripts plus three reference letters to be sent to: Chair, Ecology Search Committee, Department of Biology, Franklin and Marshall College, Lancaster, PA 17604-3003. Telephone: 717-291-4118; FAX: 717-399-4584; Email: e.elmer@fandm.edu.

**FACULTY POSITION**

Department of Bacteriology
College of Agricultural and Life Sciences
University of Wisconsin-Madison

The Department of Bacteriology at the University of Wisconsin-Madison invites applications for a tenure-track faculty position as **ASSOCIATE PROFESSOR** or **FULL PROFESSOR** level. Success in the department is most interested in persons employing modern molecular, computational, or genomic science tools to address the interactions of microbes and their environments. This position will interact with a group of researchers from the diverse fields of molecular, genetic, and biochemical problems in microbial communities and the unique metabolic abilities or their transfer among microorganisms. Candidates should have a Ph.D. in microbiology or related discipline and postdoctoral experience. The successful candidate will be expected to establish a dynamic and extramurally funded research program and to participate actively in undergraduate and graduate teaching, training, and advising. The University of Wisconsin-Madison is currently the most competitive institution in the nation for the education and training of scientists and engineers, and maintains a student population of superior caliber. This position represents an outstanding academic research opportunity for a junior investigator. Salary, fringe benefits, and start-up packages are nationally competitive and are commensurate with qualifications and experience. Please send a detailed curriculum vitae, including research accomplishments and interests, a statement of future plans, a list of publications; representative reprints; a list of potential teaching interests or relevant experience; and three letters of recommendation to: Search Committee Chair, Department of Bacteriology, University of Wisconsin-Madison, 550 Linden Drive, Madison, WI 53706-1567. The application deadline is October 1, 1996. The University of Wisconsin-Madison is an Equal Opportunity/Affirmative Action Employer. Women and minorities are strongly encouraged to apply.
Career Opportunities
STATE UNIVERSITY OF NEW YORK AT STONY BROOK

Several outstanding career opportunities are currently available at the University at Stony Brook.

Faculty Positions
Chemistry/ D. Hanson/zip=3400: seeking outstanding candidates for several faculty appointments at any level in the Department of Chemistry starting Spring 1997. Preference given to candidates in the fields of bio-organic/medicinal chemistry, polymer/materials chemistry and physical chemistry. Applicants should have a record of achievement in research and commitment to teaching. Please include a statement of research interests.

Postdoctoral, Research Scientist and Graduate Student Opportunities
Chemistry/N. Sampson/zip=3400/Postdoctoral Scientist: Design and synthesis of peptide mimetics of fertilin to investigate membrane fusion and signaling in mammalian fertilization.

Chemistry/S. McN. Sieburth/zip=3400/Postdoctoral or Research Scientist: Design and synthesis of biologically active small molecules: new methods for synthesis, protease inhibitors, SAR.

Chemistry/B. Chu/zip=3400/Postdoctoral or Research Scientist: DNA capillary gel electrophoresis with FRAP microscopy. Experience in light scattering, synchrotron SAXS,SANS and rheometry desirable.


Postdoctoral, Research Scientist and Graduate Student Opportunities
Dermatology/R. Clark/zip=8165/Postdoctoral Fellow: Needed to delineate signal transduction pathways leading to cell motility. Techniques include cell motility assay, cellular pharmacology, oligonucleotide antisense design and cell transfection, immunoprecipitation, enzyme assays, western blots, immunocytochemistry.


Genetics & Microbiology/P. Apostle/zip=5222/Cancer Cell Biology: Graduate and postdoctoral training in the Dept. of Molecular Genetics and Microbiology in research laboratories studying signal transduction, regulation of cell proliferation, oncogenes and tumor suppressor genes, and apoptosis.

Oral Biology & Pathology/M. Simon/zip=5215/Postdoctoral Fellow: to carry out research on lipogenesis and its regulation in sebocytes and the sebaceous gland. Ph.D. and a minimum of two years experience in lipid biochemistry and/or enzymology required.

Biochemistry and Cell Biology/V. Citovsky/zip=5215/Postdoctoral Fellow: Study of plant nuclear import and transport through intercellular connections, the plasmodesmata. Characterize Arabidopsis mutants resistant to systemic spread of plant viruses. Experience in molecular biology and genetics is required.

To apply: Send curriculum vitae and three letters of reference to: University at Stony Brook, At: Faculty name /department/4 digit zip code (from above), Stony Brook, NY 11794. If applying to more than one faculty member, please submit separate applications.

Opportunities With A Biopharmaceutical Leader
NABI is a top-tier biopharmaceutical company focused on the development, manufacturing, and commercialization of products that prevent and treat autoimmune and infectious disease and related complications through the activation and targeting of the human immune system. We currently have the following exceptional opportunities available at our Rockville, MD, facilities.

Process Development Scientist
We are seeking an individual with problem solving abilities to develop bacterial strains (bacterial clinical isolates and recombinant E. coli) and upstream processes (fermentation and harvest) for polysaccharide and protein antigens. Specific responsibilities will include strain development and characterization as well as the design and scale-up of GMP operations such as fermentation, filtration, and centrifugation. The position will also lead the manufacture of early stage clinical materials and participate in the transfer of technology to manufacturing personnel. An advanced degree in microbiology or biochemistry (M.S./Ph.D.) is desired along with the demonstrated ability to develop GMP processes in an industrial environment (3-5 years). Well-developed communication and interpersonal skills are also required.

We offer an excellent compensation and benefits package. For immediate consideration, please fax your resume to (301) 770-3097 or forward your resume to:

Human Resources
NABI
12280 Wilkins Avenue
Rockville, MD 20852

To learn more about opportunities with NABI, please see our ads on the Monster Board • http://www.monster.com

We're looking for entrepreneurial vision and the skills to implement it.

These are pivotal roles in our Applied Genomics Business, and a chance to be part of the strong commitment that's creating breakthroughs in biotechnology at AxCel Biosciences Corporation. You will help us capitalize on our successful past and prepare us for a bold future developing innovative new products.

GENERAL MANAGER
Reporting to the Board of Directors, you'll be the CEO of our Applied Genomics Business Unit, providing vision, direction and leadership. This involves responsibility for business plan development; orchestrating presentations to potential investors, pharmaceutical companies and representing AxCel at appropriate industry and investment community-sponsored meetings. You will also direct staff recruitment/organization and all operations. A minimum of BA/BS required, with advanced degree a plus. 7-10 years of general management experience, preferably with startup experience in the biotechnology industry. Business development expertise required.

VICE PRESIDENT, Research & Development
Reporting to the General Manager, you'll be the hands-on resource that brings the vision to life, and responsible for the scientific research in Applied Genomics. Duties include participation in developing a business plan; staff recruitment and organizing/directing the scientific mission; and providing key technical support in presentations to potential investors, and pharmaceutical companies at industry sponsored scientific symposia. MD, MD/Ph.D., Ph.D. or equivalent with Molecular Biology background required. At least 10 years of post-doctoral experience, with 3-5 years in the biotechnology industry either in a startup, or established pharmaceutical company, is essential. Management experience is also necessary.

We offer competitive salaries and substantial equity participation. For confidential consideration, send resume and cover letter to:

AxCel Biosciences Corporation
c/o Box 68, SCIENCE
1200 New York Ave, N.W.
Washington, D.C. 20005

Equal Opportunity Employer M/F/DV

The Center nurtures cooperative research among academic and industrial scientists to accelerate basic discovery and the rapid transfer of new technologies to the marketplace. University at Stony Brook is an Equal Opportunity Employer. Female and minority applicants are encouraged to apply.
ASSISTANT PROFESSOR
STRUCTURAL MOLECULAR BIOLOGIST/BIOCHEMIST
University of Illinois at Chicago (UIC)

The Laboratory for Molecular Biology (LMB) of the Department of Biological Sciences at the University of Illinois at Chicago invites applications for a tenure-track appointment at the level of ASSISTANT PROFESSOR beginning September 1997. Candidates with a research program addressing biological problems from a structural perspective are sought. Successful candidates will be expected to pursue a vigorous independent research program and to contribute to the department’s undergraduate and graduate teaching effort. New X-ray crystallography and/or nuclear magnetic resonance facilities have recently been installed on campus. LMB facilities are located in the new Molecular Biology Research Building, which also houses molecular biologists from other departments.

Applications should include a curriculum vitae and a summary of research plans. In addition, candidates should arrange to have at least three letters of recommendation forwarded to the search committee. For fullest consideration, applications should be received by November 15, 1996. Send application and letters of reference to:

Chairman
Search Committee for Structural Biologist
University of Illinois at Chicago
M/C 80567
Laboratory for Molecular Biology
900 S. Ashland Avenue
Chicago, IL 60607

University of Illinois at Chicago is an Affirmative Action/Equal Opportunity Employer.

FACULTY POSITION
MICROBIOLOGY
Southern Illinois University at Carbondale

Applications are invited for a tenure-track position in the Department of Microbiology at the level of ASSISTANT PROFESSOR commencing January 1, 1997. In addition to establishing a strong research program, teaching microbiology to both graduate and undergraduate students is expected. The applicant must hold an earned doctorate in microbiology or a related field and must have postdoctoral research experience. The applicant must display capability of research and teaching in microbiology and the ability to establish an independently funded research program in microbiology. Preference will be given to a microbiologist who works on the genetic regulation of bacterial viruses, genetic regulation of environmentally important microorganisms, or the molecular phylogeny of environmentally important microorganisms. Salary, research facilities, and start-up funds will be competitive. Applications will be accepted until October 1, 1996, or until the position is filled. Applicants should send a letter of application, a brief proposed research plan, curriculum vitae, and the names of three professional referees to: Dr. Joseph H. Cardille, Chair, Department of Microbiology, Southern Illinois University at Carbondale, Carbondale, IL 62901-6508. Southern Illinois University at Carbondale is an Equal Opportunity/Affirmative Action Employer.

THE UNIVERSITY OF TEXAS
SOUTHWESTERN MEDICAL CENTER
AT DALLAS
Assistant Professor in
Protein NMR Spectroscopy

The Department of Biochemistry at the University of Texas Southwesten Medical Center invites applications for a tenure-track position in the area of protein NMR spectroscopy. U.T. Southwestern offers a stimulating environment for interdisciplinary research in biochemistry, molecular and structural biology. Applicants should have a Ph.D. in biochemistry, biology, chemistry, or related fields and have postdoctoral experience in protein NMR spectroscopy. The successful applicant will be expected to develop an independent research program in the field of protein structural biology. Applications including a curriculum vitae, a brief statement of research plans, and the names of three referees should be submitted by November 1, 1996, to: Dr. Gloria D. Steffend, Chair, Department of Biochemistry, University of Texas Southwesten Medical Center, 5323 Harry Hines Boulevard, Dallas, TX 75235-9038. The University of Texas Southwesten Medical Center is an Affirmative Action/Equal Opportunity Employer. Women and minority candidates are encouraged to apply.

FULL-PERSONAL BIOLOGIST

The Department of Biology at Swarthmore College invites applications for a tenure-track appointment at the level of ASSISTANT PROFESSOR, beginning September 1997. We seek an evolutionary biologist who is committed to combining teaching and research at a small liberal arts college. The successful candidate will have a PhD in an area of evolutionary biology, and will establish an active research program that will provide opportunities for undergraduate participation. A Ph.D. is required; postdoctoral research experience and teaching experience are desirable. The applicant should submit a curriculum vitae along with statements of teaching and research interests, and arrange to have three letters of recommendation sent by October 15, 1996, to: Dr. Rachel Merz, Department of Biology, Swarthmore College, Swarthmore, PA 19081-1397. Swarthmore College is an Equal Opportunity Educator and Employer and specifically invites and encourages applications from women and minorities.

CENTER OF MARINE BIOTECHNOLOGY,
UNIVERSITY OF MARYLAND,
BIOTECHNOLOGY INSTITUTE

Applications are sought for a tenure-track faculty position at the level of ASSISTANT to FULL PROFESSOR in the area of marine invertebrate transgenics and gene transfer technology. Applicants should have a Ph.D. or equivalent degree and research interests in the areas of molecular biology and the ability to establish an independently funded research program in molecular biology. Preference will be given to a molecular biologist who works on the genetic regulation of viral or insect transgenes, the genetic regulation of environmentally important microorganisms, or the molecular phylogeny of environmentally important microorganisms. Salary, research facilities, and start-up funds will be competitive. Applications will be accepted until October 1, 1996, or until the position is filled. Applicants should send a letter of application, a brief proposed research plan, curriculum vitae, and the names of three professional referees to: Dr. Joseph H. Cardille, Chair, Department of Microbiology, Southern Illinois University at Carbondale, Carbondale, IL 62901-6508. Southern Illinois University at Carbondale is an Equal Opportunity/Affirmative Action Employer.

FACULTY POSITION, Virology
SCHOOL OF MEDICINE
CREIGHTON UNIVERSITY

The Department of Microbiology is recruiting faculty with an interest in retrovirology. Applications in any area of retrovirology will be considered, but we are particularly interested in candidates working on the following aspects: viral assembly and structure and/or viral protein processing. We are seeking candidates with a strong research record with a commitment to developing independent, innovative research programs, and who have a commitment to graduate and medical education. Applications at any faculty rank will be considered, although preference will be given to candidates at the ASSOCIATE PROFESSOR level. Information about the search committee is available from the Chair, Department of Microbiology, Creighton University, 80 East Concord Street, Boston, MA 02118-2394. The University of Microbiology and Creighton University are committed to Affirmative Action/EQUAL EMPLOYMENT OPPORTUNITIES and encourage applications from women and minorities.

MOLECULAR EVOLUTION POSITION

The Ecology and Evolutionary Group within the Department of Biology at the University of Oregon invites applications for a tenure-track position in molecular evolution. Our research focus is on the molecular basis of evolution and speciation, although the search committee is open, but priority will be given to candidates focusing on molecular mechanisms of evolution and/or the interface between evolution and the molecular and phenotypic levels. The position will be filled under the ASSISTANT or EARLY ASSOCIATE PROFESSOR level. Applications should include a cover letter with a brief outline of research and teaching interests, and a curriculum vitae. There is no initial teaching load, and candidates must have a Ph.D. and postdoctoral research experience, and the ability to establish an independent research program. Applications should be sent to: Dr. David M. Klurfeld, Department of Biology, 1210 University of Oregon, Eugene, OR 97403-1210. The University of Oregon is an Equal Opportunity/Affirmative Action Employer committed to compliance with the ADA and cultural diversity. We encourage women and minorities to apply.

ASSOCIATE PROFESSOR
Nutrition and Food Science

Nine-month, tenure-track appointment. Responsibilities include teaching undergraduate and graduate courses, and research in one or more of the following areas: fermentation, food chemistry, food microbiology, food engineering, and food chemistry. The successful candidate must possess a Ph.D. in a related field; exceptional candidates with an M.S. degree will be considered. It is essential that the candidate has a clear research agenda and an interest in developing a link between research and teaching. The University of Oregon is an Equal Opportunity/Affirmative Action Employer.

The University of Texas Southwesten Medical Center is an Affirmative Action/Equal Opportunity Employer. Women and minority candidates are encouraged to apply.

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The University of Texas Southwesten Medical Center is an Affirmative Action/Equal Opportunity Employer. Women and minority candidates are encouraged to apply.
Manager Applied Pharmaceutical Sciences
Vical Inc., a leader in the development of gene-based pharmaceutical products for human gene therapy, is seeking an individual to develop pharmaceutical formulations for DNA for use in gene therapy. Responsibilities include preformulation studies, stability studies, design and development of liquid/lyophilized formulations, and analytical methods development. The ideal applicant will possess a Ph.D. with 5+ years of pharmaceutical drug development experience, a strong analytical, physical chemistry background, in vitro/vivo bio assays, and experience in a GMP environment.

Formulations Scientists
We are also seeking formulations scientists with strong pharmacy backgrounds to run preformulation stability studies. Minimum requirements include advanced degree in pharmaceutical sciences and practical laboratory experience.

Please send your resume to: Human Resources, Vical Inc., 9373 Towne Centre Drive, Suite #100, San Diego, CA 92121, or fax to (619) 646-1350.

EEO M/F/D/V.

DEPARTMENT OF MICROBIOLOGY
ASSISTANT PROFESSOR
An Assistant Professor on the tenure track is sought. Current areas of research in the department include DNA replication, regulation of gene expression, genetic recombination, telomere synthesis, gene therapy, latent viral infection, DNA protein interactions, and molecular epidemiology. Of particular interest are candidates with research interest in lentiviruses or herpesviruses. The Department teaches medical students in the areas of microbiology and molecular genetics and graduate students in molecular biology. A new faculty member would be expected to develop a successful research program and to participate in the teaching of both medical and graduate students. The position includes resources for initiation of the research program. Applicants should send a curriculum vitae, statement of research accomplishments and plans, and the names of three references to: Kenneth I. Barns, M.D., Ph.D., Department of Microbiology, CORNELL UNIVERSITY MEDICAL COLLEGE, 1300 York Avenue, New York, NY 10021. Cornell University Medical College is an Equal Opportunity Affirmative Action Employer.

AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE
Directorate for International Programs
Program Director, Sub-Saharan Africa Programs
AAAS, the world's largest federation of scientific and engineering societies and the largest general scientific organization, seeks a director to oversee its Sub-Saharan Africa Program, which has concentrated on strengthening sub-Saharan African expertise and potential to harness science for the benefit of society. The newly-appointed director will have latitude to formulate future programmatic directions, especially reflecting African-defined needs and priorities. The position involves an array of activities that may include organizing international symposia and workshops in the U.S. or at African sites; analyzing, reporting about, and publishing materials on science and science policy issues affecting the region; and engaging in other cooperative endeavors. As well, the director will maintain productive partnerships formed since 1987 and engender new ones with counterpart individuals and institutions in African countries. The director will interact with key donors and will be responsible for obtaining necessary external support.

The director will provide expert advice about the region to AAAS leadership and represent the Association and the program at conferences and other professional meetings in the U.S. and abroad; will keep abreast of developments in science, technology, and socioeconomic policy and practice within sub-Saharan Africa.

Qualifications: The director must have had advanced training in a field of specialization relevant to the program's mission (science and/or African regional studies); held progressively responsible professional positions, for at least several years, involving large-scale project management and successful grantmanship; firsthand knowledge of the region; substantial experience with supervision of staff members and management of finances; and excellent communication skills.

This position will become available by 1 October 1996, in order to allow for overlap with the present incumbent; must be able to begin employment by year end. Interested applicants may send resume and cover letter to The American Association for the Advancement of Science (AAAS), Human Resources Department, 1200 New York Avenue, NW, #101-PD 017, Washington, DC 20005. EOE. Non-smoking work environment.

Postdoctoral Research at The Wistar Institute
The Wistar Institute, an independent research organization located on the campus of the University of Pennsylvania, currently seeks postdoctoral applicants.

Postdoctoral Researcher 1 - Identify tumor antigens using antibody phage display. Strong background in molecular biology and some form of immunology. Report to Dr. Dorothy Herlyn.

Postdoctoral Researcher 2 - Interaction of cellular and viral proteins that regulate transcription and replication of Epstein-Barr virus. 1) Mechanism of transcriptional activation of latent virus by Zta in the context of general transcription factor assembly and cAMP repression. 2) Identification of cellular factors that mediate the cell cycle control of EBV DNA replication. Report to Dr. Paul Lieberman.

Postdoctoral Researcher 3 - Conduct cellular immunology and molecular virology studies on HIV-1, cytokines and EBV. Research areas include AIDS immunopathogenesis, viral development of immunotherapy (viz., IL-12, IL-13) and viral interference. Report to Dr. Luis J. Montaner.

Postdoctoral Researcher 4 - RNA editing of GLUR ion channel gene transcripts in mammalian brain; the molecular mechanism and its relevance to neurological disorders such as Alzheimer’s and epilepsy. Previous experience in molecular techniques required. Degree received within the last three years preferred. Proc. Natl. Acad. Sci. USA 91:11457 (1994). EMBO J. 15:34 (1996). Report to Dr. Kazuko Nishikura.


Postdoctoral Researcher 6 - Projects include characterization of a novel co-repressor for the KRAB domain; engineering repressors which revert the neoplastic phenotype; characterization of BRCA1 interacting proteins. Highly motivated individuals with molecular biology/biochemistry background are preferred. Report to Dr. Frank J. Rauscher, III.


Interested applicants are requested to send a C.V. and three references to the appropriate faculty member's attention: The Wistar Institute, 3601 Spruce Street, Philadelphia, PA 19104. Equal Opportunity Employer. Minority candidates are strongly encouraged to apply.
The Department of Pharmacology at the University of Vermont College of Medicine invites applications for tenure-track position in Pharmacology (ASSISTANT/ASSOCIATE/FULL PROFESSOR). Candidates should have a Ph.D. or M.D. degree with at least two years of postdoctoral experience. Assistant/Associate/Full Professor level must have a funded and productive research program and demonstrated excellence in teaching. Applicants should submit a curriculum vitae, list of publications, three letters of reference, and a summary of research plans by November 30, 1996, to: Dr. Donald Stavely, Chair, Department of Pharmacology, PO Box 530, Burlington, VT 05405.

The University of Vermont is an Equal Opportunity/Affirmative Action Employer.

RESEARCH SCIENTISTS
Junior, Staff, and Senior Scientists are being recruited at the Rammelkamp Center for Education and Research. The positions are equivalent to ASSISTANT, ASSOCIATE, and FULL PROFESSOR. Research at RCER is in Molecular Genetics with emphasis on virus infection, function, and regulation of membrane proteins. We seek Scientists with research programs in trafficking of membrane proteins, interactions of cytoskeletal and matrix proteins, and/or transcriptional regulation. Applicants for Staff and Senior positions should be independent Investigators with a history of extramural funding. Generous start-up funds and an excellent salary and benefits package are available. Send letter of application, curriculum vitae, three or more letters of recommendation, and three letters of support to: Dr. Jeff Seidler, Research Director, Rammelkamp Center, PO Box 10011, Kent, WA 98031-0011. Applicants must provide a detailed research plan and list of references. Send applications to: Dr. Jeff Seidler, Research Director, Rammelkamp Center, PO Box 10011, Kent, WA 98031-0011. Applications must be received by November 30, 1996.

The University of Connecticut is an Equal Opportunity/Affirmative Action Employer.

ASSISTANT PROFESSOR
The Department of Pharmacology at the University of Kentucky College of Medicine invites applications for an Assistant Professor position in Pharmacology. The successful applicant should have a Ph.D. or M.D. degree and at least two years of postdoctoral experience in a research area related to Pharmacology. The successful candidate should be able to develop a competitive extramurally funded research program. Applications will be accepted until the position is filled, and interviews will be conducted in December 1996. Send curriculum vitae, research statement, and three letters of recommendation to: Dr. James A. Eder, Chair, Department of Pharmacology, University of Kentucky College of Medicine, PO Box 657750, Lexington, KY 40565-0750. The University of Kentucky is an Equal Opportunity/Affirmative Action Employer.
FACULTY POSITIONS
Albert Einstein College of Medicine
Department of Molecular Pharmacology

The Department of Molecular Pharmacology is seeking new faculty members during the period of August/September 1996-March 1997. Candidates are invited to apply for positions at all academic levels (ASSISTANT, ASSOCIATE and FULL PROFESSOR). All positions are open to men and women.

We are seeking individuals with a record of excellence in research who will apply skills in biochemistry, molecular biology, and cell biology to solve problems relevant to molecular pharmacology. Essential requirements are an innovative research program that complements programs within the Department and the Medical School, and a commitment to the training of fellows and graduate students. Research areas of interest to the Department include: mechanisms of drug, hormone, oncogene, growth factor, and neurotransmitter actions; structure, function, and regulation of receptors, regulatory enzymes, and transporters; signal transduction, second messengers, and protein phosphorylation; post-translational modification and intracellular targeting. Substantial packages will be provided to start up and sustain the laboratories of successful candidates. Submit two copies of a curriculum vitae, a statement of research interests, future plans, and names of three references to Dr. Charles S. Rubin or Dr. Susan B. Horwitz, c/o Ms. Anna Cioffi, Administrator, Department of Molecular Pharmacology, Albert Einstein College of Medicine, Jack and Pearl Resnick Campus, 1300 Morris Park Avenue, Bronx, NY 10461.

Equal Opportunity Employer

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Public Health Service
National Institutes of Health
Baltimore, Maryland

TENURE TRACK POSITIONS AVAILABLE
NATIONAL INSTITUTE ON AGING

The National Institute on Aging is searching for two to three tenure track candidates (Ph.D. and/or M.D.) who are interested in the Institute's expanding research effort in the study of the immune system and host defense and how these systems are compromised in aging and in aging-associated diseases. The successful candidates will be expected to establish an independent research program on aspects of normal immune system function (including cytokine action, signal transduction, gene expression, cell physiology) and characterize alterations that occur with aging. Mechanistic studies should lead to an understanding of the basis for any defects and suggest potential therapeutic interventions that might reverse the defects. Candidates should submit a C.V., bibliography, three letters of recommendation, a detailed statement of research interests and select publications to Jonathan D. Ashwell, M.D., Chair of the Immunology Search Committee, c/o Personnel Office, Box 26, Gerontology Research Center, 4940 Eastern Avenue, Baltimore, Maryland 21224-2780. All applications must be postmarked by October 25, 1996.

NIH is an Equal Opportunity Employer

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RESEARCH MANAGER
Enabling Technology - Gene Targeting (job #ET-601)

The Research Manager in the Gene Targeting group will manage a molecular biology program, as part of a team working on gene targeting and other molecular genetic approaches for manipulation of corn and other Pioneer crops. This position will require not only a demonstrated ability to develop and implement innovative new procedures in areas of basic and applied research, but also experience and willingness to interact closely with other molecular and cell biologists and breeders on group oriented projects, including working with external collaborators. We require a Ph.D. or equivalent in molecular biology or related field, plus at least 3 years of directly related experience in molecular/cell biology, and experience with supervising technical staff and setting research goals/timelines. Excellent communication skills as well as fluency with use of computers and sequence analysis software are also required. Preference will be given to candidates with direct experience and/or broad knowledge in areas of DNA recombination and repair in plant, yeast or animal systems.

POST-DOCTORAL ASSOCIATE
Enabling Technology - Gene Targeting (job #ET-602)

The candidate will work on methods for targeting gene integration in plants. Goals of the group include improving frequency and fidelity of delivery of nucleic acid sequences to specific genomic regions to facilitate manipulation of the corn genome. Efforts will focus on adapting or developing innovative procedures based on homologous recombination and site-specific integration approaches used in various biological systems. We require a Ph.D. or equivalent in molecular and/or recombination biology or related field, and a willingness to work as part of a team of researchers. Direct experience and good knowledge in the area of DNA recombination and repair mechanisms is desirable. Good communication skills are important, including the ability to write results of presentation or publication in a timely manner. Initial appointment is for two years with a third year optional upon approval.

We offer competitive salaries and excellent, comprehensive benefits such as 401(k), tuition and relocation reimbursement. Des Moines is a prospering heartland city that ranks well above the national averages in affordability and education. Our location provides a mix of beautiful open spaces and city life advantages. For confidential consideration send 3 copies of your resume and cover letter indicating job number by October 13, 1996 to: Pioneer Hi-Bred International, Inc., Attn: PERSONNEL (Job #ET-601 or ET-602), P.O. Box 1004, Johnston, IA 50131-1004.

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Join the Market Leader and Become a Senior Advisor to Biotechnology Companies Around the World

Huntingdon Life Sciences, the world's largest preclinical CRO, with over $145 million in assets and 1600 employees, is committed to providing toxicology, pathology, bioanalysis, pharmacokinetics, pharmacology and allied scientific services to the pharmaceutical and chemical industries. Huntingdon's clients include many of the world's most successful pharmaceutical and biotechnology companies, where we provide critical data for new product development.

Director of Biotechnology Industry Practice

Huntingdon's newly acquired 200,000 s.f. American laboratory is seeking a leader to manage our growing Biotechnology Industry Practice. As Director of the Biotechnology Industry Group, you will be responsible for developing new clients, providing scientific leadership for the group, working as a member of our client's development teams, designing and managing toxicology programs leading to INDs and supporting compounds entering clinical trials, and generating the safety data leading to registration and marketing of new drugs. Our current group has extensive expertise in the areas of continuous infusion dosing systems, telemetry, and analysis of cardiovascular and respiratory functions. Our clients are testing novel compounds in therapeutic categories such as: CNS disorders, anti-cancer, anti-viral, cytokines, anticoagulants, and gene therapy.

Experience and qualifications include a PhD or board certification in Toxicology, Pathology or a related field: drug development or project team management experience within a major pharmaceutical or biotechnology company, research and/or academic experience is a plus.

Huntingdon offers the best career opportunities in the fast growing contract research industry for talented toxicologists and pathologists. We are a growing public company located close to Princeton, NJ, with excellent salary, benefits and stock option programs. For consideration, please forward your resume to: Human Resources, Huntingdon Life Sciences, Mettlers Road, PO Box 2360, East Millstone, NJ, 08875-2360. An equal opportunity employer.

Huntingdon Life Sciences
ASSISTANT PROFESSOR DEVELOPMENTAL NEUROSCIENCE UNIVERSITY OF DENVER

The Department of Biological Sciences, University of Denver, invites applications for a tenure-track position at the ASSISTANT PROFESSOR level to begin September 1, 1997. We seek a broadly trained neurobiologist with an interest in the development of central nervous system circuits from molecular, cellular, and behavioral approaches at the level of M.S. and Ph.D. levels. Teaching responsibilities may include under-graduate courses in introductory neurobiology, developmental neurobiology, cognitive neuroscience, and other courses to be determined. Please submit curriculum vitae, publication statements, and statements of teaching and research interests to: Dr. John C. Kinnaman, Department of Biological Sciences, University of Denver, Denver, CO 80208. Applications should be received by December 1, 1996, in order to insure consideration. The University of Denver is committed to enhancing the diversity of its faculty and staff and encourages applications from women, minorities, persons with disabilities and veterans.

ACADEMIC PATHOLOGIST

A full-time position is available in the Department of Pathology at Baylor College of Medicine at the FULL, ASSOCIATE, or ASSISTANT PROFESSOR (tenure-track) level. Applicants should have a strong record of scholarship in surgical pathology, and a commitment to extramural research funding. Preference will be given to investigators in the areas of cancer, developmental biology, cardiovascular disease, neurobiology, human genetics, or microbial pathobiogis. Investigators must be board-certified or -eligible in either anatomic or clinical pathology. The candidate should have a license to practice medicine in the United States. The application deadline is October 31, 1996. Applications will be accepted until October 15. Please send a letter, curriculum vitae, and names of three references to: James M. Musser, M.D., Ph.D. Department of Pathology Baylor College of Medicine One Baylor Plaza Houston, TX 77030

WESTERN WASHINGTON UNIVERSITY

The Department of Chemistry invites applications for two tenure-track positions, one in organic chemistry and one in biochemistry, at the ASSISTANT PROFESSOR level beginning September 1997. Candidates must have a Ph.D. degree in有机 chemistry and an excellent record of effective teaching, and the ability to establish a vigorous research program involving undergraduate and graduate (M.S.) students. The department recently moved into a new $20 million facility equipped with 381 pieces of new equipment. Candidates should submit curriculum vitae, a brief description of teaching and research interests, transcripts, and three letters of recommendation to: Dr. Mark Williams, Department of Chemistry, Western Washing- ton University, Bellingham, WA 98225-9110. Web address: http://www.chem.wwu.edu/dep2. Review of applications will begin November 1. Western Washington University is an Affirmative Action/EQUAL OPPORTUNITY EMPLOYER. To request disability accommodation, 360-650-3300 (TTY).

POSTDOCTORAL FELLOWS

ATHRISYS is a privately held biotechnology company located in Boulder, Colorado. The University of Colorado, and the National Cancer Institute are sponsors of this institution. The company develops novel gene therapy pharmacologies based on its proprietary SYNTHETIC MICROCHROMOSOME (SMV) technology. The company is currently conducting two recent Ph.D.'s in genetics or molecular biology that have experience in working with high molecular weight DNA. Suitable candidates should have a background in molecular genetics, cell biology, and a strong interest in gene therapy. These individuals will focus on continued development of the SMV technology for specific pre-clinical and clinical applications. Applicants should have a Ph.D. in molecular virology and be willing to relocate to Boulder, Colorado. Send cover letter and references to: Dr. John Har- rington, Vice President, Athrisys, Inc., 11000 Cedar Avenue, Cleveland, OH 44106. FAX: 216-721-2310.

STAFF SCIENTIST

Jean Meyer Human Nutrition Research Center on Aging at Tufts University

STAFF SCIENTIST position for a Ph.D. available immediately for research on antioxidant defense and oxidative stress status. Help design and participate in experiments to study relationships between antioxidants and oxidative stress. Participate in cell culture, animal model, and human studies of antioxidant nutrition. Examine biochemical components of oxidative stress using HPLC, GC/MS, and molecular biology techniques. Manage laboratory staff and prepare grant proposals. Potential for eligibility for faculty appointment as Instructor or Assistant Professor. Send curriculum vitae and names of three references to: Jeffrey Blumberg, Jean Meyer Human Nutrition Research Center on Aging at Tufts University, 711 Washington Street, Boston, MA 02111.

NIH POSTDOCTORAL POSITION

Laboratory of Biological Chemistry, Gerontology Research Center, NIA, NIH, invites applications for a POST- DOCTORAL POSITION beginning November 1, 1996, to study the role(s) of microRNA in neuronal cell death and age-associated neurodegenerative disease. Qualified candidates must have a doctoral degree (M.D. or Ph.D.) and fewer than five years of postdoctoral experience. Experience in molecular and cellular biology preferred. The fellow will join a new program that focuses on the mitochondria as both a source and a target of reactive oxygen species and its involvement in apoptotic cell death in neuronal cells. Studies use molecular, biochemical, and cell biological techniques with confocal microscopy probes and confocal microscopy. Applicants should send a curriculum vitae and three references (names, addresses, and telephone numbers) to: Dr. Charles R. Fillburn, Labora- tory of Biological Chemistry, Gerontology Research Center, Mailstop 12, 4940 Eastern Avenue, Baltimore, MD 21224. NIH is an Equal Opportunity Employer.

TENURE-TRACK POSITION

MOLECULAR PHARMACOLOGY

The Bruce Rappaport Faculty of Medicine at the Technion in Haifa, Israel, invites applications (Ph.D. and/or M.D.) at all academic levels for a TENURE-TRACK POSITION in the Department of Pharmacology. Candidates are expected to establish a strong, extramurally funded research program in pharmacology and to participate in teaching medical and graduate students in basic and clinical courses. Strong knowledge of the Hebrew language in Israel is desirable. Interested applicants should submit curriculum vitae, list of publications, and a statement of research and teaching philosophy, and have three letters of reference forwarded to: Prof. Edwin DeNin, Faculty of Medicine, Technion-Israel Institute of Technology, P.O. Box 9649, Haifa 31096, Israel.

Major National Patent Law Firm located in New York City seeks highly qualified Ph.D. SCIENTISTS in biomedical and organic chemistry fields interested in second career opportunities in a fast growing start-up. Provides a stimulating environment to develop and apply advanced research and computational techniques to develop small molecules. Opportunities in intellectual property to develop new, innovative, and strategic creative writing skills. Competitive salaries and benefits, and opportunities for challenging assignments. Opportunities for women and minorities in equal opportunity employers. Send resume to: Box 69, SCIENCE 1200 New York Avenue, N.W. Washington, DC 20005
MOLECULAR ONCOLOGIST
Institute for Molecular Medicine/ Ben May Institute for Cancer Research
The University of Chicago

The University of Chicago is seeking applicants for 3 tenure-track positions at the Assistant and/or Associate Professor level. The Institutes are committed to developing strong interactive programs in molecular oncology and molecular immunology, broadly defined. We are seeking outstanding individuals who are using molecular, genetic and/or structural approaches to examine basic mechanisms such as signal transduction, gene and cell cycle regulation, and DNA replication and repair. The Institutes are closely interfaced with an NCI-designated Cancer Center, Committees on Cancer Biology and Immunology, and the new Advanced Photon Source at Argonne National Laboratory. Candidates should have significant research experience to demonstrate both significant accomplishment and outstanding promise. Faculty appointments will be tenure-track in the most appropriate academic department where the candidate will be expected to exercise full membership. Letters of recommendation including curriculum vitae, bibliography, a brief statement of research interest, and the names of 3 references should be sent to: Search Committee, Institute for Molecular Medicine, 924 East 57th St., Chicago, IL 60637-5419. The University of Chicago is an Affirmative Action/Equal Opportunity Employer.

Dean of the School of Graduate Studies
State University of New York
Health Science Center at Brooklyn

The Health Science Center at Brooklyn is seeking a dynamic and visionary academic leader with a commitment to excellence in the training of biomedical scientists to serve as Dean of the School of Graduate Studies. The Dean reports to the Senior Vice President for Biomedical Education and Research and has the primary responsibility for the direction and development of the School’s academic programs, for the development of its faculty, and for the maintenance of standards of excellence in research and teaching. The Dean will also serve as the principal advisor to the Dean of the Center’s College of Medicine on the development of the College’s clinical and basic science research programs.

The School of Graduate Studies has a full time faculty of approximately 100 (all of whom hold faculty appointments in the College of Medicine) and a student body of approximately 100 graduate students. The faculty maintains an active research program which is supported by growing external funding. The financial resources available to the Center, the School of Graduate Studies, the College of Medicine, and their faculty, exceed $350 million.

Candidates must possess a Ph.D. or M.D. and be qualified for the rank of Professor and have a record of significant accomplishment in research and academic administration.

Applications and nominations should include a current vitae and should be submitted by October 11, 1996 to:
Roger Q. Cracco, M.D., Professor and Chair, Search Committee, Box #1, SUNY Health Science Center at Brooklyn, 450 Clarkson Avenue, Brooklyn, New York 11203

State University of New York
Health Science Center
SUNY-HSCB is an affirmative action equal opportunity employer

Amyloidologist
Full-time research position available immediately for a well-trained, highly-motivated scientist to join a multidisciplinary basic and clinical research effort devoted to the study and treatment of AL amyloidosis. The successful candidate will be part of the NIH/ACS-supported Medical Oncology & Cancer Program of the Division of Medicine, University of Tennessee Medical Center at Knoxville, and serve as project leader in a well-established, fully-equipped protein chemistry laboratory. Additional programmatic resources include hybridoma/tissue culture, molecular biology, immunochemistry, and pathology laboratories. Position requires a minimum of 2 years of post-doctoral research experience and involves graduate student and staff supervision. Compensation and academic rank commensurate with education and experience. The Knoxville area offers the scientific resources of The University of Tennessee and Oak Ridge National Laboratory; recreational opportunities provided by the surrounding Great Smoky and Cumberland Mountains and extensive TVA lake system; and cultural amenities including a symphony and chamber orchestra, a major fine arts museum, opera, and theatre. Letter of application, CV, and names and addresses of 3 reference sources should be sent to: Alan Solomon, M.D., Professor of Medicine and Head, Human Immunology & Cancer Program, University of Tennessee Medical Center/Knoxville, 1924 Alcoa Highway, Knoxville, TN 37920.

The University of Tennessee Medical Center/Knoxville is an Equal Opportunity/Affirmative Action/Title VI/Title IX/Section 504/ADA Employer.

THE UNIVERSITY OF TENNESSEE
Medical Center at Knoxville
POSTDOCTORAL POSITIONS
Department of Neurosciences
University of California, San Diego

Four postdoctoral positions are available this fall in three new laboratories in the Department of Neurosciences at San Diego School of Medicine dedicated to molecular neuroscience and behavior. These three laboratories, under the directions of Drs. Edward H. Koo (cell biology of neurodegeneration and Alzheimer’s disease), Paul T. Martin (synaptic targeting, proteins and role of glycogen, neuronal aging, and Alzheimer’s disease), and Mark Mayford (transgenic approaches to cellular and molecular mechanisms of learning and memory), are housed jointly in a newly equipped space in the Cellular and Molecular Medicine building on the UCSD campus. The Neurosciences program at UCSD consists of a highly interactive group of neuroscientists involving not only UCSD, but also the research institutes in the La Jolla community. Expenses will include less than or equal to the following areas: molecular biology, cell biology, biochemistry, neurobiology, transgenic/knockout technology, and electrophysiology. Send curriculum vitae and three letters of recommendation to: Dr. Patty Melendrez, Department of Neurosciences - 6091, University of California, San Diego, 9500 Gilman Drive, La Jolla, CA 92039-0691, FAX: 619-520-1201; Email: pamelendrez@ucsd.edu.

POSTDOCTORAL RESEARCH SCIENTIST
Lawrence Livermore National Laboratory is currently seeking a POSTDOCTORAL RESEARCH SCIENTIST to isolate and characterize human DNA repair protein complexes. The position involves DNA repair protein expression, site-directed mutagenesis to correlate structural changes with cellular repair capacity and enzymology, and development of purification strategies. Requirements: Recent Ph.D. expertise in protein biochemistry, experience with recombinant DNA techniques, and intellectual interest in DNA repair and recombination, heterologous protein expression, and protein structure. LLNL offers a challenging work environment and a competitive salary/benefits package. Send cover letter and résumé to: Mary Anne Holman, Recruiting and Employment Division, Lawrence Livermore National Laboratory, P.O. Box 5510, L-725, Department AJ/S666MH, Livermore, CA 94551-5510. U.S. citizenship and the ability to obtain a Department of Energy clearance is required: permanent U.S. residency does not preclude eligibility. Further information can be found at the BBP’s home page: http://www.llnl.gov/bbpr/bbpr homepage.html. Lawrence Livermore National Laboratory is proud to be an Equal Opportunity Employer.

POSTDOCTORAL POSITION
available to study DNA repair and structure/function relationships in prokaryotic and eukaryotic systems. Possess strong background in enzymology and molecular biology is required. Qualified candidates should send curriculum vitae, including names and telephone numbers of three references to: Dr. Marilyn J. Knoblich, Department of Biochemistry, MS 411, Allegheny University of the Health Sciences, Broad and Vine, Philadelphia, PA 19102. Email: jnorrsm@hal.hahnemann.edu.

POSTDOCTORAL SPECIALIST
MOLECULAR/BIOLOGICAL SCIENCE PROGRAMS
University of Virginia

The Department of Biology at the University of Virginia invites applications for a TENURE-TRACK appointment at the Assistant Professor level (exceptional, more senior candidates also will be considered). We are seeking a researcher of outstanding talent who uses molecular, genetic, and/or biochemical approaches to investigate fundamental questions in biology. Candidates are desired who would contribute to existing strengths in cellular, molecular, and developmental biology, neurobiology/behavior, evolution, or plant biology. Applicants should submit curriculum vitae, a summary of past accomplishments, a description of future research plans and teaching interests, and should arrange for three letters of reference to be sent to: Molecular/Biology Search Committee, Department of Biology, Gilmer Hall, University of Virginia, Charlottesville, VA 22903-2375. Women and members of minority groups are encouraged to apply and to identify themselves. Screening of applications will begin immediately. Only applications received by November 15 will be considered. (Note: This is in addition to our on-going search for a circadian biologist.) The University of Virginia is an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL ASSOCIATE RESEARCH SCIENTIST
MOLECULAR BIOCHEMISTRY
WESLEYAN UNIVERSITY

The Department of Molecular Biology and Biochemistry invites applications for a TENURE-TRACK POSITION at the ASSOCIATE PROFESSOR level. A Ph.D. and postdoctoral experience are required. Research involves the use of state-of-the-art biochemical and molecular approaches to study the expression and regulation of genes in higher eukaryotic organisms. The ideal candidate will have expertise in molecular and cell biology, cell biology, and biochemistry. Experience in the areas of hormone regulation, signaling, and cell differentiation is highly desirable. Applicants should send a curriculum vitae and three letters of recommendation to: Dr. Paul K. Wood, Director, Department of Molecular Biology and Biochemistry, Wesleyan University, Middletown, CT 06457-0175. Wesleyan University is an Equal Opportunity/Affirmative Action Employer. We encourage applications from minority candidates and women.

COLLEGE OF PHYSICIANS & SURGEONS
COLUMBIA UNIVERSITY
MOLECULAR BIOLOGY OF CANCER

POSTDOCTORAL POSITIONS: Glycophorin Processing

POSTDOCTORAL POSITIONS are available immediately to study structure and function of glycoproteins with particular focus on glycophorin folding and modification and membrane insertion. Required: Ph.D. in biochemistry or microbiology with documented experience in molecular biology techniques. Send curriculum vitae and names of references to: Dr. T. Morrison, Department of Molecular Genetics and Microbiology, University of California, 55 Lake Avenue North, Worcester, MA 01605. Email: T.Morrison@banyan.ummed.edu. An Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL CHEMIST POSITION

A POSTDOCTORAL CHEMIST position in the Department of Pharmacology and Radiobiology is available. Candidate should have graduate training in either synthetic organic chemistry or molecular biology and wish to join a research team to study CNS receptor function. Major emphasis will be placed on using peptides and/or proteins to characterize new ligands. Experience in synthetic organic chemistry and its application in drug discovery will be desirable. The position will be supported by Dr. Hank F. Kung, Room 305, 3700 Market Street, Philadelphia, PA 19104.

POSTDOCTORAL POSITIONS
available immediately for studies regarding DNA/protein interactions and the effects of insulin and/or insulin-receptor-tyrosine kinases on hepatic gene expression. Experience with quantitative and qualitative analysis of DNA/protein interactions and molecular approaches to determine structural/function relationships in transcription factor-responding promoters. Proficient in DNA purification and RNA isolation. Send curriculum vitae and names of references to: Dr. Jerry N. Ullman, Endocyte Division (M/C 640), University of Illinois at Chicago, 1819 West Polk Street, Chicago, IL 60612; Tel: 312-455-8774; Fax: 312-455-8777; Email: jnorrsm@hal.hahnemann.edu.

POSTDOCTORAL POSITION
available immediately for studies of calcium in cell-1 mediated inhibition of apoptosis. Experience in molecular biology and biochemistry desired. Send curriculum vitae and names of references to: Dr. Susan J. Knox Stanford University Medical Center Department of Radiation Oncology Dr. Marilyn J. Knoblich, Department of Biochemistry, MS 411, Allegheny University of the Health Sciences, Broad and Vine, Philadelphia, PA 19102. Email: jnorrsm@hal.hahnemann.edu.

POSTDOCTORAL POSITION
available immediately for studies of calcium in cell-1 mediated inhibition of apoptosis. Experience in molecular biology and biochemistry desired. Send curriculum vitae and names of references to: Dr. Susan J. Knox, Stanford University Medical Center, Department of Radiation Oncology, 300 Pasteur Drive, Room 2107, Stanford, CA 94305-5105. Stanford University is an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITIONS in Cancer Biology

The Association of American Medical Colleges is seeking qualified individuals to write biology test units for a national certification test. Applicants must hold an advanced degree (Ph.D. preferred) in a biological science and possess superior writing and reasoning skills. We are especially interested in applicants who have teaching experience in biology at the first year undergraduate level. The work involves a secure test; we ask that a writer’s association with it be kept confidential and that premedical advisors or others with an institutional interest in the certification program sign a confidentiality agreement with AAMC before a school application process not apply. In developing a test unit, writers are asked to follow the criteria described in a writer’s guide which is provided. A test unit consists of a passage of about 250 words, 10 multiple choice questions related to the passage, and a rationale for each response option. New writers are usually allowed one month to complete a writing assignment. If qualified to do so, they receive $600.00. Prospective item writers should send their curriculum vitae to: Mr. Jack Hackett, Association of American Medical Colleges, 2450 N Street, NW, Washington, DC 20037-1155.

POSTDOCTORAL POSITIONS
Developmental Neurosciences
Case Western Reserve University School of Medicine

Investigate the role of neurotrophin growth factors in regulating development and function of primary sensory neurons involved in autonomic control (see Erickson, et al., J. Neurosci., September 1, 1996). Previous experience in both in vitro and in vivo systems of the signaling mechanisms, is highly desirable: 1) molecular biology, including in situ hybridization, 2) measurement of cardio-respiratory function in rodents, 3) cellular or systems neurobiology, with experience in one of the areas mentioned above. Physicians will send their curriculum vitae directly to: Dr. John C. Underwood, Department of Neurology, Case Western Reserve University School of Medicine, 10900 Euclid Avenue, Cleveland, OH 44106-4975.

POSTDOCTORAL POSITION
in viral oncogenes.

Available immediately to work on KSHV/LHV8 pathogenesis. Current studies emphasize KSHV genome analyses, virus oncogenes, cytokine genes, and their interaction with host immune and transformation pathways. Candidates with a background in cell biology, biochemistry, and/or recombinant DNA techniques preferred. Send curriculum vitae and three references by: Dr. Yoon Chang and Pat Moore, Department of Pathology, PHS 14-515, Columbia University Medical Center, 630 West 168th Street, New York, NY 10032. Telephone: 212-305-1669; FAX: 212-305-5489. Columbia University takes affirmative action toward equal employment opportunity.

POSTDOCTORAL POSITION
NEUROENDOCRINOLOGY

To study the role of regulation of hypothalamic neuroendocrine neuropeptides in the central and peripheral nervous system utilizing transgenic and knockout murine systems. Background in molecular biology required, experience in mouse or drosophila genetics desirable. Please send summary of research background and references and curriculum vitae to: Dr. John H. Townsley, Department of Neurology, University of California, 630 West 168th Street, New York, NY 10032. Telephone: 212-305-1669; FAX: 212-305-5489. Columbia University takes affirmative action toward equal employment opportunity.
Ceregen is a unit of the Fortune 100 Monsanto Company, and a world leader in the discovery and development of agricultural products based on advanced chemistry, and biotechnology. Ceregen Technology, the research and development arm of Ceregen, has been highly successful in developing transgenic plant varieties which are already available on the market. We are looking for innovative, highly-skilled, and experienced scientists to implement a program on plant plastid transformation and gene expression. Positions to be filled immediately are:

Plastid transformation and tissue culture:
Scientist - PhD (or equivalent experience)
You must have proven expertise and success in technology development for plant transformation, regeneration and tissue culture.

Scientist - MS (or equivalent experience)
You must have demonstrated expertise and experience in plant transformation, regeneration and tissue culture.

For both positions, previous experience with the transformation of plant organelles is highly desirable.

Plastid gene expression and molecular biology:
Scientist - PhD (or equivalent experience)
You must have extensive knowledge and expertise in plant organelle gene expression, as well as in the molecular techniques necessary to introduce genes into plastids.

Scientist - MS (or equivalent experience)
You must have significant expertise in gene expression of plants or plant organelles, as well as in the molecular techniques necessary to introduce genes into plastids.

For both positions, previous experience with plastid gene expression and transformation of plastids is highly desirable.

For consideration, please send a curriculum vitae, a list of 4 references and a cover letter describing your qualifications to: Monsanto Company, LMH, Job Code # Plastid, 800 N. Lindbergh, Mail Zone C2NB, St. Louis, MO 63167. Prior to October 4, 1996. An Equal Opportunity Employer M/F/D/V.
POSTDOCTORAL POSITION

PROTEIN-MEMBRANE INTERACTIONS

Position is available immediately to study the role of membranes in the control of chromosomal replication. Biochemical and genetic approaches are being employed to investigate the peripheral association between the E. coli amyE mutants for protein transport and membrane phospholipids. Applicant should have research experience in biochemical and atomic force electron microscopy of protein-lipid interactions or in bacterial genetics and molecular biology. To be considered, please send curriculum vitae and the names of three references to:

Dr. Elliott Crooke
Department of Biochemistry and Molecular Biology
Georgetown University Medical Center
3900 Reservoir Road NW
Washington, DC 20007
FAX: 202-687-7186

ACADEMIC POSITIONS

Analytical Biochemist/Molecular Biologist—Versatile scientist required to join research and analytical services team. Experienced in eukaryotic genetics and familiar with HPLC, GLC, GC/MS and GLP. Position will require creativity in the use of molecular biology, glycoprotein and carbohydrate analytical techniques and assistance in the routine maintenance of GC/MS equipment. Positions available in the academic setting. Applications received through June 30, 1996. Applications will be accepted until the position is filled. Please send full curriculum vitae and two letters of recommendation to: Dr. Thomas P. Mawhinney, Director, Agricultural Research Laboratories, Room 4, Agriculture Building, University of Missouri, Columbia, MO 65211. The University of Missouri is an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITION

Available immediately to study potential “fingerprint” of the effects of radiation on cells. The focus of the work is the use of fluorescent In-Situ Hybridization to look at intra- and inter-chromosomal aberrations; candidates therefore should have a background in research using FISH, as well as experience in cell culture. Please send curriculum vitae, names of references, and a description of research interests/ accomplishments to: Dr. David Brenner, Center for Radiological Research, Columbia University, 630 West 168th Street, New York, NY 10032. FAX: 212-305-3229; Email: brenner@crly.columbia.edu. We are an Affirmative Action/Equal Opportunity Employer.

POSTDOCTORAL POSITION: A Molecular Biologist is required for a team studying foreign gene expression in the ruminant mammary gland. The person appointed will develop adenoviral or retro viral vectors containing the consensus sequences of gene expression in mammary cell culture systems and in vivo. Candidates must have obtained a Ph.D. within the last five years, and have laboratory experience in mammalian expression or viral vectors in mammalian systems. Knowledge of cell biology and genetics, and three letters of reference to: Dr. Karen Plaut, Department of Animal and Food Sciences, Terrill Hall, University of Vermont, Burlington, VT 05405.

HERPESVIRUS PATHOGENESIS

POSTDOCTORAL POSITION available to investigate the molecular basis of varicella-zoster virus or channel catfish virus pathogenesis and latency. Ph.D. or M.D. and research experience in molecular biology and virus pathogenesis preferred. Send curriculum vitae, statement of research experience and interests, and two letters of reference to: Dr. John T. Davison, Department of Microbiology and Immunology, Slot 511, University of Arkansas for Medical Sciences, Little Rock, AR 72205. Email: wgray@bimed.uams.edu. An Equal Opportunity Employer.


POSTDOCTORAL POSITION

ALBERT EINSTEIN COLLEGE OF MEDICINE

A POSTDOCTORAL RESEARCH position is available in molecular virology. The project involves the study of HIV reverse transcriptase and its interaction with viral and cellular factors. Applicants should hold a Ph.D. degree in virology, molecular biology, virology, or a related field. Those with expertise in molecular virology of HIV are given preference. Applicants should send curriculum vitae and names and addresses of three references to: Dr. Vinayaka R. Prasad, Department of Microbiology and Immunology, Albert Einstein College of Medicine, Jack and Pearl Resnick Campus, 1500 Morris Park Avenue, Bronx, NY 10461. Equal Opportunity Employer.

POSTDOCTORAL POSITION

Available immediately to investigate molecular mechanisms underlying the interactions between immune mediators and the central nervous system stress response. Emphasis will be on the development of gene knockout models. The successful candidate will work with an interdisciplinary team of molecular biologists, endocrinologists, immunologists, and psychiatrists. Candidates experienced in molecular biology or transgenic methodologies are encouraged to apply. This is an NIH Equal Employment Opportunity. Please send curriculum vitae, and a telephone number or fax number, names and addresses of three references to: Philip W. Gold, M.D., Chief, Clinical Neuroendocrinology Branch, Intramural Research Program, NIMH, NIH Clinical Center, Room 52321, 10 Center Drive MSC 1284, Bethesda, MD 20892-1284; Email: philgold@codon.nih.gov.

POSTDOCTORAL FELLOWSHIP

THE JOHNS HOPKINS UNIVERSITY

A POSTDOCTORAL POSITION is available immediately to study the regulation of proliferation and differentiation in intestinal epithelial cells. Research will focus on the structural and functional analysis of a newly identified gua-1 transcript, termed Kip4 (see reference). Candidates should have a Ph.D. degree and prior experience in molecular biology approaches. Send curriculum vitae and the names of three references to: Vincent W. Yang, M.D., Ph.D., Departments of Molecular Biology and Chemical Engineering, The Johns Hopkins University School of Medicine, 720 Rutland Avenue, Baltimore, MD 21205.
FELLOWSHIP IN AIDS RESEARCH

New York University, an NIH-designated Center for AIDS Research, invites applications to a multidisciplinary POSTDOCTORAL FELLOWSHIPS program in basic research related to the immunopathogenic mechanisms underlying HIV infection. Trainees will work collaboratively with mentors specializing in immunology, virology, molecular biology, anti-viral therapeutics, or pediatrics. The program is placed within a multi-institutional setting with labs located at NYU Medical Center, the Public Health Research Institute, Veterans Administration Medical Center, and Bellevue Hospital. As many as seven fellows will be accepted into this NIH-sponsored program for up to three years of training, beginning August 1996. Women and minority candidates are encouraged to apply.

Individuals with an M.D., Ph.D., or M.D./Ph.D. may apply. Candidates must be U.S. citizens or permanent residents. Please submit a curriculum vitae with a summary of past research experience and the names of three individuals from whom you have requested letters of recommendation. Please FAX to: Susan Zolla-Pazner, Ph.D., at 212-951-6321. Or mail to: Susan Zolla-Pazner, Ph.D., Veterans Administration Hospital 423 East 23rd Street, Room 18124N New York, NY 10010-5050

THE OHIO STATE UNIVERSITY BEHAVIORAL IMMUNOLOGY OF RETROVIRUS INFECTION CENTER FOR RETROVIRUS RESEARCH

Applications are invited for a POSTDOCTORAL POSITION for a multidisciplinary research program on the behavioral and neurological consequences of retrovirus infection using animal models of retrovirus-induced neurodegeneration. This is a unique opportunity for a Psychobiologist/Behavioral Neuroscientist to enter this rapidly developing new research area. While the candidate will be primarily responsible for studies on the behavioral/consciousness of feline immunodeficiency virus infection, this interdisciplinary position provides opportunities for acquiring skills and competence in associated research areas such as behavioral neurobiology; neurophysiology; and immunohistochemistry. The candidate must have experience in the experimental analysis of animal behavior. For more information, please contact: Dr. Michael Podell, Department of Veterinary Clinical Sciences (Telephone: 614-688-3792; Email: mpoddell@maugus.ohio-state.edu) or Dr. Martin Sarter, Department of Psychology (Telephone: 614-292-1751; Email: mzsarter@postbox.ohio-state.edu).

POSTDOCTORAL POSITION COX LABORATORY FOR BIOMEDICAL ENGINEERING, RICE UNIVERSITY

A position is available in an NIH-funded program on the effects of hemodynamic forces on blood and vascular cells. The project involves research to elucidate the mechanisms of interaction of endothelial cells, smooth muscle cells, and platelets as influenced by fluid mechanical shear stress and cyclic strain. Some of the work focuses on the mechanisms of regulation of the expression of genes in vascular cells that mediate the synthesis of important vasoactive metabolites. The work is accomplished by an established, interdisciplinary research group of engineers, medical scientists, and basic scientists from Rice University and the Baylor College of Medicine. Interested candidates should have a recent Ph.D. or M.D. and experience in mammalian cell culture. Send curriculum vitae and the names and telephone numbers of three references to: J. David Hellums, A. J. Hartszoom Professor, Cox Laboratory for Biomedical Engineering, Rice University, MS 142, Houston, TX 77251. Telephone: 713-348-7616; FAX: 713-285-5116; Email: jdhellums@rice.edu.

Rice University is an Affirmative Action/Equal Opportunity Employer.

POSTDOCTORAL RESEARCH ASSOCIATE

Anticipated availability of one or two positions in the Laboratory of Molecular Neurobiology to work on cloning and characterization of AMPA and K channel receptors. Relevant Ph.D., evidence of research productivity, and expertise in molecular biology are required. Unique opportunity for a creative person to contribute to a new field of study within an outstanding Division of Neurobiological and Behavior Research. Send curriculum vitae and names and addresses of three references to: J. E. Piletz, Department of Psychiatry and Pharmacology, Room G128, 2500 North State Street, Jackson, MS 39110. FAX: 601-984-5899, Equal Opportunity Employer, Minorities/Females/Disabled/Veterans.

POSTDOCTORAL POSITION

The Department of Neurobiology at the University of Pennsylvania School of Medicine has POSTDOCTORAL POSITIONS available to study various aspects of molecular, cellular, and developmental neurobiology. Some major areas of interest are cell-cell and cell-substratum adhesive properties, neurite outgrowth, and nerve regeneration. Specific studies include: analysis of overexpression, mutation or deletion of adhesion molecules in animals, analysis of genes such as Hox and Pax, that control the expression of adhesion molecules and their subsequent roles in the formation of morphogenetic pathways during neural development; identification of signal transduction pathways and the gene programs that activate them in cell cell and/or molecular biology. Send curriculum vitae and three letters of reference to: Dr. Gerald M. Edelman, Chairman, Department of Neurobiology. The Scripps Research Institute, 10550 North Torrey Pines Road, SBR 14, La Jolla, CA 92037. Affirmative Action/Equal Opportunity Employer.

IMMUNOLOGY POSTDOCTORAL FELLOWSHIP POSITIONS

Immediate opening for two full-time POSTDOCTORAL SCHOLARS in the Tumor Immunology Section, Surgery Branch, National Cancer Institute, National Institutes of Health, Bethesda, Maryland, to study the immune response to tumor cells in murine models and in human subjects. We seek candidates with experience in cellular immunology. Ongoing projects include the study of breaking immune tolerance to tumor-associated differentiation antigens and the development of synthetic and recombinant anti-cancer vaccines.

The NIH is an Equal Opportunity/Affirmative Action Employer. Send cover letter, curriculum vitae, and statement of research interests to: Dr. Paul Rosenthal, M.D., Ph.D., Chief of Surgery, National Cancer Institute, Building 10, Room 2B42, Bethesda, MD 20892-1502. Telephone: 301-496-4164.

YALE UNIVERSITY SCHOOL OF MEDICINE

Applications are invited to apply for POSTDOCTORAL POSITIONS in Developmental Neurobiology. One project will study the structure/function of brain-derived neurotrophic factors in neural development and in inflammatory processes. Preference will be given to applicants with background in immunology to investigate autoimmune disorders of the CNS, including the recently advanced molecular mimicry hypothesis for Torsion Disease and obsessive compulsive disorder. Send curriculum vitae, and the names and telephone numbers of three references to: Dr. Paul Lombroso, CHM 1-270, 230 South Frontage Road, Yale University School of Medicine, New Haven, CT 06520. Telephone: 203-737-2224; Email: paul.lombroso@yale.edu.

An NIH-funded POSTDOCTORAL POSITION is available to study fission yeast signal transduction (Genes Dev. 5: 561; Genetics, 138: 39), using genetic and molecular (two-hybrid) approaches. Applicants with molecular or biochemical experience preferred. Send curriculum vitae and the names of three references to: Charles Hoffman, Boston College, Department of Biology, Chestnut Hill, MA 02167. Email: hoffmacc@bc.edu. Equal Opportunity Employer.

BIOINFORMATICS

DIRECTOR BIOSTATISTICAL CORE

The Department of Pediatrics at the Children’s Hospital Medical Center/University of Cincinnati College of Medicine, Cincinnati, Ohio, is seeking a Ph.D. to direct a biostatistical research core of investigators. Responsibilities include preparing and overseeing data collection and analyses of clinical trials in both hospital and community settings. Send curriculum vitae and letter of interest to: John E. Heubi, M.D., Director, General Clinical Research Center, Children’s Hospital Medical Center, 3333 Burnet Avenue, Cincinnati, OH 45229-3039. Children’s Hospi-

tal Medical Center is an Affirmative Action/Equal Opportunity Institution. Women and minorities are encouraged to apply.
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