Personnel Placement

LINE CLASSIFIED ADVERTISEMENTS

DEADLINES: Ads are due by Thursday, 10 a.m., 2 weeks prior to the issue date. Science publishes each Friday, except the last Friday of the year. Advertisements must be submitted in writing.

HOW TO SUBMIT A CLASSIFIED AD: Prepare double-space typewritten ad copy on a 8 1/2 x 11” sheet. Do not include any abbreviations. Science will not return ad copy. Deadline for advertisements in ad must be at least 2 weeks after date of publication. Also include a cover sheet which gives name and phone number of contact person, desired date of publication, and billing information, including any special invoicing requests. Mail or FAX materials to:

SCIENCE Classified Advertising
1333 H Street, N.W., Room 940
Washington, DC 20005
Telephone: 202-326-6255
FAX: 202-682-0816

CLASSIFICATIONS: Science publishes classified ads under the following headings: Positions Open, Employment Agencies, Situations Wanted, Courses and Training, Meetings, Announcements, and Marketplace. Advertisers should specify classification when placing ads.

HOW TO CALCULATE RATE FOR CLASSIFIED AD: Ads are $41 per line with a $10 minimum. One line equals 52 characters and spaces. One character is equal to 80 space characters and spaces.

To ESTIMATE ad cost, count total number of 52 character lines and multiply by $41 to find approximate cost of ad per week. Each line of centered heading counts as one line. Also count one line for white space between headline and first line of text. All partial lines are also counted as full lines (including any centered reply information).

Remember, this is a rough estimate only. Allow for variation between estimated typewritten lines and ads when actually typeset for magazine. Therefore, purchase orders must allow additional funds for flexibility and/or adjustment. Science does not provide proofs of typewritten ads.

PREPAYMENT DISCOUNT: A 3% cash discount is granted to all prepayment ads. Prepayment made in U.S. dollars by checks drawn on U.S. banks is required on all foreign ads.

CREDIT CARDS: Science accepts MasterCard and Visa. Both personal and corporate cards may be used. Prepayment does not apply to credit cards.

BOXES AND LOGOS: Any line classified ad can be boxed and/or published with logo to increase its visibility. Due to space limitations, one line now equals 48 characters and spaces; two additional lines will be added to allow for top and bottom rules. Logos are billed according to the number of lines needed to fit logo in space.

CANCELLATIONS: Deadline for cancellation is 10 a.m., Tuesday, 10 days prior to issue date.

DISPLAY PERSONNEL ADVERTISEMENTS

For rates, deadlines, and information about fraction- display ads (all ads 1/8 page and larger) and all Market Expressings of available products and services, contact:

Scherger Associates
1515 Broadway
New York, NY 10036
Telephone: 212-730-1050
FAX: 212-382-3725

CONDITIONS: Personal advertising is accepted on the condition that the advertisers do not discriminate among applicants on the basis of race, sex, religion, age, color, national origin, marital status, or sexual preference. Science reserves the right, at its discretion, to decline to publish advertisements which it considers misleading.

POSITIONS OPEN

ASSISTANT PROFESSOR, ORAL BIOLOGY: Applications are invited for an assistant professor position in the areas of immunology, cellular, or molecular biology. Candidates are expected to carry out independent research programs relevant to oral biology and participate in pre-doctoral education is expected. Submit curriculum vitae and three letters of reference to: Dr. Frank Oppenheim, Chairman, Department of Oral Biology, School of Dental Medicine, University of Colorado Health Sciences Center, BUSGD, Room 217B, Boston, MA 02118. An Equal Opportunity Employer.

POPULATION GENETICIST, COLORADO STATE UNIVERSITY: The Department of Biology invites applications for a 9-month, 92% time appointment at the ASSISTANT PROFESSOR level, available Janu- ary or August 1992. Primary emphasis is on the genetic structure and dynamics of natural populations of plants or animals in the context of ecological and evolutionary questions. Applicants must possess a Ph.D. in a biological science and prove promise of potential for excellence in teaching and research; postdoctoral experience is desirable. We seek an individual who is thoroughly conversant with modern theory in population genetics, ecology, and evolution and who is actively involved in testing such theory using molecular techniques. The successful candidate will be expected to develop a vigorous research program and to interact with the ecologists and molecular geneticists in the department and university. Teaching responsibilities will include an advanced course in the genetics of natural populations, an undergraduate course in evolution, and participation in the introductory biology program. Applicants should submit curriculum vitae, selected research papers, a statement summarizing background and describing research and teaching goals, and should arrange to have three letters of recommendation sent by 1 September 1991 to: Dr. John A. Wiens, Population Genetics Search Committee, Department of Biology, Colorado State University, Fort Collins, CO 80523. CSU is an Affirmative Action/Equal Opportunity Employer, EO Office. FAX: 970-491-6217.

The Department of Microbiology and Immunology at The Pennsylvania State University College of Medicine invites applications for a tenure-track position at the ASSOCIATE PROFESSOR level available in the summer of 1991. Individuals with strong training in molecular virology whose research interests are focused on the molecular aspects of retrovirus replication and/or assembly are especially encouraged to apply. Applicants should possess a Ph.D. or M.D. and show evidence of outstanding research accomplishments and demonstrated ability to generate extramurally funded research. We expect the candidate to be dedicated to excellence in teaching medical and graduate students. Send letters of application, curriculum vitae, and the names and addresses of three references by 15 July 1991 to: Committee, Department of Microbiology and Immunology, The Pennsylvania State University College of Medicine, P.O. Box 850, Department 342, 31. The, PA 16802. The Pennsylvania State University is an Affirmative Action/Equal Opportunity Employer. Women and minorities are encouraged to apply.

UNIVERSITY OF MIAMI
SCHOOL OF MEDICINE (UMMS)
DEPARTMENT OF NEUROLOGY
NEUROIMMUNOLOGIST: Applications are invited from M.D. or Ph.D. neuroimmuno- logists at the ASSOCIATE OR FULL PROFESSOR level to direct the neuroimmunology section of the Department of Neurology. The position will be based upon candidate's qualifications. A VA/MC position may be available. Applicants should have established laboratory research and clinical interests. M.D.'s must be Board-eligible/certified and eligible for a Florida Medical License. This is an exciting growth position in a department with extensive ongoing neurosciences research programs, including MS, AIDS, and the neuromuscular diseases. Collaborative opportunities in UMSM are excellent, with extensive research groups in immunology, virology, and molecular biology. Applicants with curriculum vitae, names of three references, and copies of five recent publications to: Walter C. Kelm, M.D., and John T.儿 Hauser, M.D., Chairman, Department of Neurology, (D-45), P.O. Box 0169600, Miami, FL 33101-6960. The University of Miami is an Equal Opportunity/Affirmative Action Employer.

RESEARCH ASSISTANT PROFESSOR: Position available in the Division of Surgery. Duties include coordinating some of the group research efforts of the division, as well as developing an independent extramurally funded research program in an area related to cardiothoracic surgery. Ph.D. or equivalent in physiology or a related area with an emphasis on cardiac physiology is a requirement, with other advanced degrees such as M.D. or Ph.D. in Vascular surgery desirable. Send curriculum vitae to: Jack J. Curtis, M.D., Division of Cardiothoracic Surgery, University of Missouri–Columbia, 10036 W. Locust Street, Columbia, MO 65212. Application deadline is: 15 July 1991. The University of Missouri–Columbia is an Equal Opportunity and Affirmative Action Institution.

The Animal Disease Research and Diagnostic Laboratory and Department of Veterinary Science, College of Agriculture and Biological Sciences, South Dakota State University (SDSU), invites applications for a tenure-track position at the ASSISTANT OR ASSOCIATE PROFESSOR level, with tenure. The laboratory and department are nationally recognized as leaders in the diagnosis, pathogenesis, and mechanisms of diseases in domestic livestock. Requirements are a Ph.D. or D.V.M./M.S. in Veterinary Microbiology with research and diagnostic experience in bovine infectious diseases. Individuals with postdoctoral experience will be given special consideration. The individual will be a member of the diagnostic serology section of the Animal Disease Research and Diagnostic Laboratory, develop innovative approaches for the serological diagnosis of infectious diseases in food animals; develop a competitive, externally funded research program in bovine viral diseases; and act as a consultant to the diagnostic bovine virology section. Salary commensurate with qualifications and experience. Applicants are requested to send curriculum vitae, a brief statement of current research interests, transcripts, and three references to: Dr. B. J. Benfield, Search Committee, Animal Disease Research and Diagnostic Laboratory, South Dakota State University, P.O. Box 2175, Brookings, S.D. 57007. SDSU is an Equal Opportunity/Affirmative Action Employer.

FULL PROFESSORSHIP IN ANALYTICAL AND ENVIRONMENTAL CHEMISTRY UNIVERSITY OF GEORGIA FACULTY OF SCIENCES

A new full-time position has been opened for a SCIENTIST capable of teaching analytical and environ- mental chemistry, as well as directing research and doc- toral theses in the field of chemical/analytical chemistry of natural aquatic systems. It is expected that the candidate must have obtained a Ph.D. or equivalent degree. The position is open for a January 1992 appointment. The position is open for a January 1992 appointment. The position is a tenure-track position leading to the FULL PROFESSOR level. The candidate will be expected to carry out independent research and teaching in the area of aquatic systems. Responsibilities include teaching introductory laboratory and advanced analytical courses, and laboratory research, and directing doctoral theses. Candidates are required to have Ph.D. or equivalent degrees in analytical chemistry/chemistry/analytical chemistry. Applicants are encouraged to send a letter of interest, a curriculum vitae, and three letters of reference to: Dr. H. L. B. A. Anum, University of Georgia, Athens, GA 30602. The University of Georgia is an Equal Opportunity/Affirmative Action Employer.

The University of California, Los Angeles (UCLA), School of Medicine is recruiting scientists for TENURE-TRACK POSITIONS in the areas of genetics, neurobiology, immunology, metabolism, or structural biology. The National Institute of Mental Health, a part of the National Institute of Mental Research Laboratory building as well as in various departments. Eligibility includes new assistant professors as well as senior investigators. Candidates are requested to submit curriculum vitae and letter of interest to: Chairman, Search Committee (2), UCLA School of Medicine, Office of the Dean, Room 162B, 3-162 GHS, Los Angeles, CA 90024–1722.

UCLA is an Equal Opportunity/Affirmative Action Employer.

SCIENCE, VOL. 252
POSITIONS OPEN

PROTEIN BIOCHEMIST/MOLECULAR BIOLOGIST with expertise in the area of protein biochemistry is being sought for a tenure-track position at the ASSISTANT PROFESSOR, level in the Division of Neuropathology of the Department of Pathology at The Ohio State University (OSU). Candidates will be expected to develop an independent research program, and interact with other related academic activities, but will have only minor teaching and administrative responsibilities. Research experience related to neuroscience and/or oncology is desirable. Applicants should send curriculum vitae and statement of career goals to: Allan J. Yates, M.D., Ph.D., Professor and Head, Division of Neurology, Room 111 Upham Hall, West 12th Avenue, Columbus, OH 43210. OSU, an Equal Opportunity Employer, encourages minorities and women to apply.

UNIVERSITY OF MIAMI SCHOOL OF MEDICINE (UMSMM) DEPARTMENT OF NEUROLOGY MOLECULAR NEUROBIOLOGIST

Applications are invited from M.D. or Ph.D. molecular biologists and molecular geneticists at the ASSISTANT OR ASSOCIATE PROFESSOR level, interested in neurological and/or neuromuscular diseases. Tenure decisions will be based upon candidate's qualifications. M.D.'s must be Board-eligible/certified and eligible for a Florida Medical License. A VAMC appointment is available if desired. Applicants should have an established research program using molecular genetics techniques to investigate neurological function and disease. This is an exciting growth position in a department with extensive existing neuroscience research programs. Collaborative opportunities in UMSM are excellent, with several large molecular biology and molecular genetics groups. Applications with curriculum vitae, names of three references, and copies of five recent publications to: Walter G. Bradley, D.M., F.R.C.P., Professor and Chairman, University of Miami School of Medicine, Department of Neurology (D4-5), P.O. Box 016960, Miami, FL 33101. The University of Miami is an Equal Opportunity/Affirmative Action Employer.

SCIENTIFIC MANAGER

Unique challenge for a motivated scientist in a growing biotechnology company. Opportunity to combine managerial and technical expertise in development of new bioluminescent/chemiluminescent assay systems. Candidate must have capability to implement GLP, GMP, and manage production of Class II diagnostic device. Background in tumor or cell biology and commercial laboratory and research experience required. Send résumé to: Dr. Peter Andreaoti, MCL Technologies, 5601 N.E. 14 Avenue, Ft. Lauderdale, FL 33334.

ASSISTANT DEAN

Northwestern University invites application for the position of assistant dean for physical environment in the College of Arts and Sciences. This position reports to the dean of the college. Facility and equipment responsibilities include oversight on space management, coordination of the design and implementation of renovation projects, maintenance of 1 million gross square feet in more than 30 buildings; furnishings, copiers, computers, and other equipment; oversight of security, safety, and emergency activities for the college; direct responsibility for a $400,000 budget. Other responsibilities include review and recommendation on research staff appointments, research grant proposals, liaison with the university research administration offices, and coordination of major college events such as the senior convocation. Qualifications: facility experience, preferably in a laboratory science; college or university experience, preferably with a Ph.D.; excellent oral, written, and interpersonal skills. Please submit a letter of application, including a résumé and the names, addresses, and telephone numbers of three references, by 1 July 1991 to: Search Committee, Office of the Dean, College of Arts and Sciences, Northwestern University, 1918 Sheridan Road, Evanston, IL 60208. Applications from women and minorities are encouraged. Northwestern University is an Affirmative Action/Equal Opportunity Employer. Hiring is contingent upon eligibility to work in the United States.

The Aga Khan University is now in its eighth year of operation. Its affiliated Aga Khan University Hospital has well equipped teaching and service laboratories and will have 654 beds when fully operational. The University and the University Hospital are autonomous, privately funded and philanthropic institutions committed to the provision of effective health, professional education and health services research. We refer to Pakistan and the Aga Khan University as the University and the University Hospital. The University has a curriculum in medicine stresses integrated training of the basic and clinical sciences with a hands-on, problem solving approach to patient care and parallel extensive training in Community Health Sciences.

Applications are invited from highly committed professionals for the key position of:

PROFESSOR & CHAIRPERSON DEPARTMENT OF COMMUNITY HEALTH SCIENCES

The individual filling this senior position will be responsible to provide dynamic academic leadership in the administration of the department, stimulation of appropriate research programs and will also be responsible for resource development including grants and contract visits to raise funds from external agencies.

Candidates must have suitable postgraduate qualifications. Achievements in research and experience in teaching and administration at senior level are necessary.

Salary and benefits will be offered commensurate with qualifications, experience and level of responsibility. Candidates intending to pursue a career in Pakistan will be given preference. If you are seeking professional growth and an excellent work environment, please send your detailed resume, bibliography and names of at least three referees familiar with recent work history to the Personnel Manager, The Aga Khan University, P.O. Box 3500, Stadium Road, Karachi-74800, Pakistan.
POSITIONS OPEN

UNIVERSITY OF MIAMI
SCHOOL OF MEDICINE (UMSM)
DEPARTMENT OF NEUROLOGY
NEUROVIROLOGIST

Applications are invited from M.D. or Ph.D. neurovirologists at the ASSOCIATE OR FULL PROFES-
SOR level. Experience in the neurovirology of lipopolysaccharides should be in the Department of Neurology. Tenure decisions will be based upon candidate's qualifications. A VAMC position may be available to candidates who should have an established laboratory research program in neurovirology, preferably concentrating on retroviruses. M.D.'s must be Board-eligible/certified, and eligible for a Florida Medical Li-
cense. The growth position in a department with extensive existing neuroscience research programs, including an AIDS Center, and Neuroimmu-
ology Program. Collaborative opportunities exist, are excellent, with extensive research groups in virology, immunology, and molecular virology.

Applications will be accepted from M.D.'s, Ph.D.s., M.S., names of three references, and copies of five recent publications to:
Walter G. Bradley, M.D., F.R.C.P., Professor and Chairman, University of Miami School of Medicine, Department of Neurology (D4-5), P.O. Box 016690, Miami, FL 33101. The University of Miami is an Equal Opportunity/Affirmative Action Employer.

CHAIR, DEPARTMENT OF PATHOLOGY
UCLA SCHOOL OF MEDICINE

The University of California, Los Angeles (UCLA), School of Medicine, invites applications and nominations for a chair of the Department of Pathology. She/he will provide leadership for the teaching, clinical, and research programs of the department.

Candidates are requested to submit curriculum vitae to: Pathology Search Committee, UCLA School of Medicine, Office of the Dean, 12-138 CHS, Los Angeles, CA 90024-1610.

UCLA is an Equal Opportunity/Affirmative Action Employer.

EXECUTIVE DIRECTOR
South Florida Water Management District (West Palm Beach, Florida), 1425 employees and $260-million budget. Requires senior-
level executive management experience in a comparable organization and knowledge of water supply/safety is-
issues, environment, and flood protection. B.A./B.S. re-
quired, with an M.A./M.S. desirable. Send resume immedi-
ately to: Norman Richelson, 12424 Whitley, #850, Los Angeles, CA 90025. Resume will be subject to public disclosure under Florida public records law. An Affirmative Action/Equal Opportunity Employer.

MOLECULAR BIOLOGIST
Senior level position for a molecular biologist with an interest in the field of molecular biology and/or treatment of Alzheimer's disease to join the newly created Enzyme Research Group at the Mayo Clinic Jacksonville. Duties include full research responsibilities. The group comprises: Dr. M. Richelson and Dr. M. McKinney. Duties include research on DNA binding proteins and the development of new diagnostic methods for Alzheimer's disease. This position requires an M.D. or Ph.D. Degree. The Institution has an enviable reputation in molecular biology research. The Mayo Clinic Jacksonville offers a competitive salary, an excellent benefits package, and a dynamic, collaborative research environment. Applications should be submitted using the institution's online system. For further information, please contact Dr. M. Richelson at 904-698-6176.

Send curriculum vitae and names of three references by July 31, 2011 to:
Dr. M. Richelson
Department of Neurology
Mayo Clinic Jacksonville
4500 San Pablo Road
Jacksonville, FL 32224

An Equal Opportunity/Affirmative Action Employer.

FACULTY TEACHING POSITIONS
New York Chiropractic College is pleased to announce the relocation of its campus to the beautiful Finger Lakes Region in Seneca Falls, New York. The Division of Pre-Ph.D., Mayo Clinic Jacksonville, 4500 San Pablo
Road, Jacksonville, FL 32224. Equal Opportunity Em-
ployer. Smoke-free and drug-free workplace.

The New York Chiropractic College is an Equal Opportu-
nity Educator and Employer.

POSSESSIONS OPEN

CHAIR
DEPARTMENT OF BIOCHEMISTRY
UNIVERSITY OF SOUTH ALABAMA
COLLEGE OF MEDICINE
MOBILE, ALABAMA

Nominations and applications are requested for the position of professor and chairman of the Department of Biochemistry at the University of South Alabama College of Medicine. The college is continuing the search to identify an individual who possesses, and has demonstrated, strong leadership abilities. The candidate should have a demonstrating record of research productivity and a commitment to the further development and strengthening of the research and teaching programs of the department. Applications and nominations are invited at this time. Applications including curriculum vitae, bibliography, and the names and addresses of at least three references should be sent to:
Joseph H. Coggins, Jr., Ph.D.
Associate Dean for Basic Medical Sciences
University of South Alabama College of Medicine
Mobile, AL 36688

An Equal Opportunity/Affirmative Action Employer.

The St. Louis Veterans Administration Medical Center (VAMC) is seeking a CHIEF OF STAFF. The Chief of Staff is fully responsible for programs of patient care and for the clinical activities of the medical staff. The successful candidate will have exten-
sive administrative experience in an academic medical center, federal facility, and will qualify for professional rank at St. Louis University and Washington University Schools of Medicine. Please send resume to: M.D., Chairman, Chief of Staff Search Committee, c/o/ Director of Operations, VAMC St. Louis, MO 63125. Questions may be directed to:
John T. Carson at 314-894-6661. An Equal Opportu-
nity/Affirmative Action Employer.

DIRECTOR
Opportunity to manage well-known aquatic animal research facility in Camden, New Jersey.

The position of Department Chair in Pathology at the Memorial Sloan-Kettering Cancer Center, New York, offers an excellent opportunity for the right candidate with a national and international reputation. The successful candidate will have a strong administrative record and have a proven track record in research and teaching. The department chair will have the opportunity to lead the pathology department and to develop a strong research program in the area of molecular biology.

An Equal Opportunity/Affirmative Action Employer.

SENIORESEARCH TECHNICIAN
The Howard Hughes Medical Institute, at the Massa-

chusetts Institute of Technology in Cambridge, Massa-

chusetts, is seeking a senior research technician to help

organize and maintain a biochemistry/crystallography labora-
tory and work with Principal Investigator Carl C. O.

Pai to develop and implement novel techniques for the

stabilization of proteins and crystallization of protein/DNA complexes.

The new individual will be a highly motivated techni-
sion and have the opportunity to impact the design and

programming of these facilities. This position is available at the rank of senior research technician and will

provide an opportunity to work in a fast-paced environ-

ment.

An Equal Opportunity/Affirmative Action Employer.

DIRECTOR
LABORATORY ANIMAL MEDICINE

ACLM Board-eligible veterinarian sought to provide veterinary care and management of the AAALAC-
accredited research animal facility, plan future develop-
ment of facility to support expanding research effort,

nology. Collaborative opportunities exist, are excellent,

with extensive research groups in virology, immunology,
**Positions Open**

**National Cancer Institute**

**National Institutes of Health**

Public Health Service

The Division of Extramural Activities, National Cancer Institute (NCI), seeks qualified applicants for a position as HEALTH SCIENTIST ADMINISTRATOR (HSA) (Series 601) or MEDICAL OFFICER (Series 602). The main function relates to management of peer review of large grant applications for extramural award mechanisms. The position is located in Bethesda, Maryland, and is open between the range of GS-12 to GS-14 (currently $37,294--68,129 per annum). Clinically qualified physicians may also be eligible for additional physician’s comparability pay of up to $20,000. Medical officer candidates must have a medical degree with clinical specialization in areas of direct relevance to cancer and/or AIDS research. As an alternative to a civil service appointment, qualified applicants may be commissioned as officers in the U.S. Public Health Service.

HSAs typically are responsible for management of peer review of grants, contracts and cooperative agreements for the major programs of the Institute. In order to be considered as highly qualified for a rating as an HSA, candidates ordinarily should have a doctoral degree or equivalent, at least 3 to 5 years of postdoctoral professional experience in an area of research directly related to the programs and mandates of NCI, and evidence of independent research and publication capabilities. In addition to scientific credentials, evidence of administrative experience must be documented through activities such as faculty and administrative appointments, or award and management of research grants as a principal investigator or project leader on a multi-component research award such as an NCI-funded center or program project.

Applicants must submit an Application for Federal Employment, Standard Form 171, available at most government offices or at the address given below. Additional documents such as a curriculum vitae may be submitted in addition to but not in place of SF-171. Applications from women and minorities are strongly encouraged.

Send applications by July 12, 1991 to:

Ms. Suzanne Ryan  
Personnel Management  
Specialist  
NCI, NIH, EPS, Room T43  
6120 Executive Boulevard  
Bethesda, MD  20892-4500

Copies of position descriptions will also be provided on request by calling (301) 496-8657. U.S. citizenship required.

NIH is an Equal Opportunity Employer
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Let the free Science product information service put you in touch with the vendors whose products you will need.

Simply write us a letter stating the specifics about your proposed lab and the instruments and supplies you need. We will do the rest. Write to:

SCIENCE Magazine
New Lab Service Department
1515 Broadway
New York, NY 10036

VICE PRESIDENT
Environment, Safety and Health

Associated Universities, Inc. (AUI), a non-profit educational and scientific institution, established in 1946, founded Brookhaven National Laboratory (BNL) in 1947 and has operated it ever since for the U.S. Department of Energy and its predecessor agencies. BNL, located at Upton, Long Island, NY, has some 3300 employees and a total annual budget in excess of $300 million. AUI also founded the National Radio Astronomy Observatory (NRAO) in 1956 and has operated it ever since for the U.S. National Science Foundation. Both BNL and NRAO interact strongly with a worldwide community of universities and research institutions and provide facilities and services for thousands of scientists and engineers.

As the Vice President for ES&H, you will be principally headquartered at BNL but will be expected to interact closely with AUI headquarters in Washington, DC, and with other AUI sites. We are seeking an experienced environmental scientist with the following qualifications:

- Superior academic background
- Excellent communications abilities
- Understanding and experience with OSHA, RCRA, CERCLA, TSCA, CAA, CWA, SDWA
- Familiarity with DOE, NSF, Regulatory Agencies and National Laboratories
- Substantial background of working with the scientific community

AUI is an equal opportunity employer. Minorities and females are encouraged to apply. We have an excellent benefit program. Applicants are invited to send resumes and salary requirements in confidence, to: Thomas J. Davis, Jr., Vice President - Corporate Affairs, Associated Universities, Inc., 1400 16th Street, N.W., Suite 730, Washington, DC 20036.

ASSOCIATED UNIVERSITIES, INC.

ENVIRONMENTAL TOXICOLOGIST—STUDY DIRECTOR

Exxon Biomedical Sciences, Inc., has an immediate opening for a qualified individual as a study director in our Ecotoxicology Laboratory. The state-of-the-art laboratory includes facilities to culture and test marine and freshwater organisms. Acute and chronic tests of products and effluents are conducted in accordance with GLP and appropriate regulatory guidelines. The position requires the individual to act as a study director with full responsibility for sponsor interactions, study design, development of protocols, review and evaluation of the data, and final review and approval of reports. In addition, the position involves some administrative duties, including scheduling and coordination of studies and culturing, training lab personnel, monitoring ongoing studies, etc. The successful candidate should have a Ph.D. or Masters in Environmental Toxicology or related field and experience in an aquatic testing facility. A working knowledge of TSCA/FIFRA GLPs, statistical methods, PC and mainframe computers is desired. Please forward resume to Franeeen T. Cohen, Human Resources.

EXXON BIO MEDICAL SCIENCES, INC.
Metliers Road, ON 2250
East Millstone, NJ 08875-2350

Equal Opportunity Employer M/F/H/V
Materials Synthesis through Biology

Staff scientist sought as an independent investigator in Enzymatic Synthesis of Materials Program. Research involves the engineering and use of enzymes and other biological processes in the synthesis of novel materials. Collaborations with UC Berkeley/LBL scientists in use of catalytic antibodies, enzymology, bioorganic chemistry, synthetic organic chemistry and protein modeling. Investigator will select own areas of research consistent with program goals. Position is funded but investigator would be expected to contribute to program growth through grants and contracts. Some program management involved. Position open to UC Berkeley teaching Ph.D. and research experience in chemistry (synthetic organic, bioorganic, polymer synthesis), biochemistry, materials science, or related field; demonstrated ability to do independent research; ability to work well with senior colleagues and also supervise the work of technicians, postdoctoral fellows and students; ability to speak well. Industrial or academic experience desirable. Send resume and three references to Lawrence Berkeley Laboratory (specify Job #B6529), Employment Office, 90-1042, 1 Cyclotron Road, Berkeley, CA 94720. EOE. M/F/H.

DIRECTOR of MOLECULAR BIOLOGY

AMYLIN CORPORATION is seeking a senior scientist to join the staff of our Biological Chemistry Department, which is conducting basic research in the areas of islet beta-cell function and regulation of fuel metabolism in peripheral tissues. The Corporation has assembled a multidisciplinary research team to pursue novel scientific approaches leading to new therapeutic strategies in diabetes, obesity, and related metabolic disorders. Pertinent references for the project include: PNAS 84, 8624 (1987); PNAS 85, 7763 (1988); Nature 335, 632 (1988); PNAS 86, 9662 (1989); BBA 1041, 247 (1989).

We invite applicants who have a Ph.D. or M.D. with completed postdoctoral training and a strong background in the study of carbohydrate biochemistry and intermediary metabolism, preferably with additional experience in relevant cellular and/or molecular biology, but applicants with related interests are encouraged to apply. Amylin offers a scientifically stimulating and challenging opportunity to participate in a new area of biomedical science, as well as an excellent compensation and benefits package which includes equity participation. For immediate consideration, send your resume to: Audrey H. McGovern, Human Resources Administrator. Amylin Corporation 9373 Towne Centre Drive Suite 250 San Diego, CA 92121 Fax (619) 552-2212 Amylin Corporation is an equal opportunity employer.

BE THE BEST

Ecological Toxicologist

CIBA-GEIGY's Agricultural Division, a world leader in agricultural chemicals, has an opening for a highly motivated ecological toxicologist in its Toxicology Department located in Greensboro, NC.

Responsibilities include contracting and monitoring ecological toxicology studies required for EPA pesticide registration, preparation of risk assessment reports, and interaction with the USEPA and state regulatory groups on study protocols, test results and related risk issues.

Qualified candidates will have a PhD, or MS and 5 years' experience, in ecological toxicology. Experience with computer exposure models is an asset. Highly qualified individuals with advanced degrees and experience in related environmental fields may also be considered.

CIBA-GEIGY offers a competitive salary, a creative atmosphere where innovation is valued, team problem solving and support for professional growth. Travel is required and averages 3-5 days per month. Please forward resume with salary history to Chris McSwain, Human Resources, CIBA-GEIGY Corporation, Agricultural Division, P.O. Box 18300, Greensboro, NC 27419-8300. We are an Equal Opportunity Employer M/F/H/V.
POSTDOCTORAL POSITIONS

POSTDOCTORAL POSITIONS available to study AIDS pathogen Pneumocystis carinii with a multidisciplinary team of NIH-supported basic and clinical scientists. Research areas include molecular genetics, cell biology, immunology, biochemistry, molecular biology, and epigenetics. Send curriculum vitae to: Dr. James R. Stinger, Chairman, Search Committee, Department of Molecular Genetics, Icahn School of Medicine, Beth Israel Medical Center, 2620 Broadway, New York, NY 10025. Required: Ph.D. with experience in the area of AIDS research.

POSTDOCTORAL POSITIONS IN MOLECULAR GENETICS. Two positions are available immediately for the study of mammalian genome. The first position is an opportunity to use molecular genetic and DNA probe techniques to characterize genes isolated from the sex chromosomes and to identify transcription factors important for sex-specific gene expression. A Ph.D. is required, with experience in recombinant DNA technology. Send curriculum vitae to: Dr. Susan A. Henick, Department of Biochemistry, University of California, Santa Cruz, CA 95064.

POSTDOCTORAL POSITION

Position available immediately. Dr. James Ireland, Department of Chemistry, University of Washington, Seattle. Required: Ph.D. with experience in computer simulation of chemical systems. Send curriculum vitae, publication list, and names of three references to: Dr. James Ireland, Department of Chemistry, University of Washington, Seattle, WA 98195.

POSTDOCTORAL FELLOWS, University of Hawaii, two positions available immediately. Send curriculum vitae, letter of reference, and names of three references to: Dr. Donald A. Miller, Department of Chemistry, University of Hawaii, Honolulu, HI 96822.

POSTDOCTORAL FELLOWS in BIOLOGICAL SCIENCES CENTER, UNIVERSITY OF MIAMI. Newly created NIEHS Center has positions in the areas of marine toxicology and/or preclinical toxicology evaluation. Send curriculum vitae with names of three references to: Dr. Robert K. Veronneau, Department of Environmental Health Sciences, University of Miami School of Medicine, Coral Gables, FL 33124.

POSTDOCTORAL FELLOWS IN MOLECULAR BIOLOGY. Work on preparation of DNA probes from gamma-irradiated mammalian cells in culture, and molecular cloning from these libraries of DNA species specific for repair and repair control genes. Send curriculum vitae and names of three references to: Dr. Michael J. Bednar, Department of Molecular Genetics, University of California, San Francisco, CA 94143.

POSTDOCTORAL POSITION

Available immediately for the study of normal and cancerous animal cells. Send curriculum vitae, letter of application, and names of three references to: Dr. James R. Stinger, Chairman, Search Committee, Department of Molecular Genetics, Icahn School of Medicine, Beth Israel Medical Center, 2620 Broadway, New York, NY 10025.

POSTDOCTORAL RESEARCH ASSOCIATE, Brookhaven National Laboratory. The Biology Department has a position available for a recent Ph.D. trained in immunology or biochemistry. The successful candidate will have a strong background in cell biology and will be expected to develop new research interests. Experience in the area of AIDS research is desirable. Send curriculum vitae and names of three references to: Dr. James R. Stinger, Chairman, Search Committee, Department of Molecular Genetics, Icahn School of Medicine, Beth Israel Medical Center, 2620 Broadway, New York, NY 10025.

POSTDOCTORAL FELLOWS, University of Miami, two positions available immediately. Send curriculum vitae, letter of reference, and names of three references to: Dr. Donald A. Miller, Department of Chemistry, University of Miami, Coral Gables, FL 33124.

POSTDOCTORAL POSITION

Available immediately for the study of normal and cancerous animal cells. Send curriculum vitae, letter of application, and names of three references to: Dr. James R. Stinger, Chairman, Search Committee, Department of Molecular Genetics, Icahn School of Medicine, Beth Israel Medical Center, 2620 Broadway, New York, NY 10025.

POSTDOCTORAL POSITION

Available immediately for the study of normal and cancerous animal cells. Send curriculum vitae, letter of application, and names of three references to: Dr. James R. Stinger, Chairman, Search Committee, Department of Molecular Genetics, Icahn School of Medicine, Beth Israel Medical Center, 2620 Broadway, New York, NY 10025.

POSTDOCTORAL POSITION

Available immediately for the study of normal and cancerous animal cells. Send curriculum vitae, letter of application, and names of three references to: Dr. James R. Stinger, Chairman, Search Committee, Department of Molecular Genetics, Icahn School of Medicine, Beth Israel Medical Center, 2620 Broadway, New York, NY 10025.

POSTDOCTORAL POSITION

Immediate opening. Requires a Ph.D. in cellular and molecular biology. Will participate in research using monoclonal antibody, DNA probe expression cloning, fluorescence microscopy, and microinjection techniques to study structure and function of cytoskeletal proteins in normal and transformed cells. Experience in using recombinant DNA techniques desirable. Send curriculum vitae and names of three references to: Dr. Jim Lin, Department of Biology, University of Iowa, Iowa City, IA 52242. The University is an Equal Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply.

POSTDOCTORAL POSITION

At Oak Ridge National Laboratory to do research in Comparative Mechanisms (COMMPETCH) in fish populations program. COMMPETCH is aimed at synthesizing the quantitative understanding of critical stages and processes involved in fish population regulation. Position involves adapting existing models under development for additional species/populations. Experience in developing and testing and/or simulating new models of populations and some FORTRAN experience helpful. For position information: Webb Van Winkle, Environmental Sciences Division, Oak Ridge, TN 37831-6038, telephone: 615-574-7398; for application material: Postgraduate Research Program/WP, 1900 E. Tennessee Avenue, Box 2008, Oak Ridge, TN 37831-6038, telephone: 615-574-7398; for application material: Postgraduate Research Program/WP, 1900 E. Tennessee Avenue, Box 2008, Oak Ridge, TN 37831-6038, telephone: 615-574-7398.

POSTDOCTORAL POSITIONS

Research positions are available immediately, beginning in June 1991, to join a multidisciplinary group analyzing the structure/function of DNA repair enzymes. Approaches include direct mutagenesis, chemical modification, and cryo-electron microscopy. Additional studies include the cloning of human DNA repair genes. Send curriculum vitae to: R. K. Breslow, Ph.D., Department of Biochemistry, Vanderbilt University, Nashville, TN 37232-0146.

PROTEIN CRYSTALLOGRAPHER/SEEKING MINORITY POSTDOCTORAL APPLICANTS. Position aimed at increasing underrepresented minority participation in structural molecular biology. Laboratory focus is on structure determination and design of proteins involved in protection against oxidation and pathogenesis, including superoxide dismutases, DNA repair enzymes, and ribonucleases. Excellent candidates with a background in structural biology and protein crystallography. Send curriculum vitae and names of three references to: John Tainer, Molecular Biology MB8, The Scripps Research Institute, La Jolla, CA 92037. FAX: 619-554-0880. Internet: jat@scripps.edu.

RESEARCH SCIENTIST, APPLIED PHYSICS AND MATERIALS. We are looking for a RESEARCH SCIENTIST/INDUSTRIAL POSTDOCTORAL RESEARCH ASSOCIATE to work on developing processes and functionally gradient coatings on SiC fibers for high-temperature composite materials. Ph.D. (foreign or U.S. degree) in applied physics. One year of experience in the field is desirable. Experience and/or coursework must include: analysis of energy models for processes, economic/cost benefit analysis of processes, process simulation for material coatings. Salary: one year. Send curriculum vitae to: Dr. K. Purszczak, President, PRD, Inc., 3401 Market Street, Suite 227, Philadelphia, PA 19104.

POSTDOCTORAL/RESEARCH ASSOCIATE. Position available now to investigate the molecular and cell biology of the protozoan parasite, Entamoeba histolytica. Studies include role of the cytoskeleton and cell-cell interactions in parasite-target cell interactions; isolation, identification, and functional characterization of attacking molecules, and the genetic basis of species differences. Position also will have a solid background in biochemistry and experience in 2-D PAGE, immunological and molecular genetic techniques. Preferred candidates will have excellent experience in cell biology and molecular genetics and be familiar with computer applications. Send curriculum vitae and names of three references to: Dr. James E. Baillie, Department of Biological Sciences, Morehouse College, Atlanta, GA 30310. Phone: 404-752-8443. Women and minorities are encouraged to apply.
RESEARCH ScIENTIST
Promega Corporation, a world leading biotechnology company, is seeking a talented individual for the position of Research Scientist.

This person will work as a member of a team that is developing nucleic acid probe methods and products. Qualifications include a Ph.D., preferably with postdoctoral experience, or an M.S. with extensive relevant experience. Background knowledge and strong technical skills are needed in one or more of the following areas: chemical modification and synthesis of nucleic acids, non-radioisotopic detection, nucleic acid amplification, molecular biology. Enthusiasm, productivity, organization, and the desire to work cooperatively as part of a group with ambitious goals are essential.

We offer a competitive salary, comprehensive benefits, and a challenging, high-growth environment in our modern facilities. All information will be kept in strict confidence. To apply or for further information, forward a resume and salary history or write to:

Promega Corporation
Human Resources/Food
2800 Woods Hollow Road
Madison, WI 53711-5399

PROMEGA CORPORATION
HUMAN RESOURCES/FOOD
2800 WOODS HOLLOW ROAD
MADISON, WI 53711-5399

PROMEGA CORPORATION
HUMAN RESOURCES/FOOD
2800 WOODS HOLLOW ROAD
MADISON, WI 53711-5399

Postdoctoral Research Fellowship
Pharmacokinetics and Drug Metabolism

The Fellow will assess biological barriers to successful systemic delivery of therapeutic entities which are peptide analogs. To accomplish these goals, a multidisciplinary approach will be used, beginning with a knowledge of the physico-chemical properties of the molecule. Appropriate in vitro, in situ and in vivo methods will be selected and employed to describe biotransformation, biological transport and metabolism processes which may be rate-limiting to systemic availability. The Fellow will focus on in vitro and in situ systems to study drug transport and metabolism in mammalian small intestine.

Ongoing projects in the laboratory utilize, but are not limited to, two areas of experimentation: stability and enzyme-targeting determinations in biological matrices relevant to the gastrointestinal tract; assessment of intestinal membrane permeability. The intent of this work is to aid in the discovery of therapeutic peptides and analogs which are bioavailable after oral administration.

Applicants should have a Ph.D. in Biological Chemistry, Physiology, Pharmaceuticals or a related discipline. Experience with animal and/or cell culture models and a strong analytical background are desirable.

All appointments are for one year, renewable for a second year. Compensation includes a highly competitive salary with relocation expenses and a comprehensive benefits package. Send CV and list of references to Human Resources, Box JDM-0017, Promega Corporation, Publicity Building, 2000 Plymouth Road, Ann Arbor, MI 48105. "Smoke-Free Work Environment" "Equal Opportunity in Action"

MOLECULAR BIOLOGIST
INTERESTED IN GENE EXPRESSION IN MAMMALIAN CELLS

The Surgery Branch of the National Cancer Institute has an immediate opening for a Senior Investigator to join its studies of the gene therapy of human cancer. This position involves a responsibility for studies of the introduction of genes into human lymphocytes and tumor cells using retroviral mediated gene transduction. The position involves responsibility for conducting independent research programs in this area and the supervision of junior scientists. Prior postdoctoral experience in molecular biology is required. Interested candidates should send a Curriculum Vitae and two letters of reference. For further information and application procedures, please contact:

Steven A. Rosenberg, M.D., Ph.D.
Chief, Surgery Branch
National Cancer Institute
National Institutes of Health
Public Health Service
Building 10, Room 2B42
9000 Rockville Pike
Bethesda, Maryland 20892
(301) 496-4164

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RESEARCH OPPORTUNITIES IN PLANT BIOTECHNOLOGY

The Department of Biotechnology Research at Pioneer Hi-Bred International Inc. is seeking applicants for our ongoing program of crop improvement. Pioneer offers competitive salaries, excellent facilities and a highly cooperative research environment. Successful candidates will be expected to interact extensively with ongoing research in our transformation, gene expression or gene identification and isolation programs.

Project Leader, Molecular Biology - Gene Isolation - This position will expand our program in the identification and isolation of genes capable of preventing insect damage and will focus directly on research questions. The successful candidate will provide expertise in the isolation of genes from a variety of sources using techniques such as construction of oligonucleotides from amino acid sequences, probing cDNA libraries with degenerate oligonucleotides and the screening of expression libraries with antibodies. A PhD degree in molecular biology or a related field plus at least 2-3 years relevant postdoctoral experience is required for consideration.

Project Leader, Molecular Biology - Gene Identification - This position will be part of a group working to establish a high resolution RFLP map in maize and will focus directly on research questions. The successful candidate will be expected to have extensive experience with PCR technology, molecular cloning of plant DNA and interested in the development of new techniques to replace traditional RFLP analysis. Familiarity with maize genetics and RFLP technology is desirable. A PhD degree in molecular biology, genetics or a related field with at least 2-3 years relevant postdoctoral experience is required for consideration.

Protein Biochemistry Post-Doctoral Research Associate - A post-doctoral position is immediately available to study the structure-function relationship and identity domains in proteins possessing insecticidal activity. The successful candidate will have a PhD in biochemistry with experience in protein purification and characterization, chemical modification and analysis.

Applications received by June 28, 1991 will be assured of consideration. However, applications will be considered until the positions are filled. Pioneer Hi-Bred International Inc. is an Equal Opportunity/Affirmative Action Employer. Send resume including the names, addresses and telephone numbers of three references and the position for which you are applying for to:

Pioneer Hi-Bred International Inc.
Plant Breeding Division / Department of Biotechnology
Jane Blacketer
7300 N.W. 62nd Ave. P.O. Box 38
Johnston, IA 50131 • (515) 270-3795

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Science, 1515 Broadway, NY, NY 10036

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RESEARCH SCIENTISTS AND ASSOCIATES  
PROTEIN CHEMISTRY

Amgen has emerged as the industry leader in the discovery and development of human therapeutic products through applications of biotechnology. As part of our continuing commitment to research, we are actively seeking scientists at all educational levels to contribute to new and ongoing research programs leading to the purification and characterization of natural and recombinant proteins.

RESEARCH SCIENTISTS  
Department #588  
Qualified candidates for these positions must have a PhD in Biochemistry or a related discipline and a minimum of two years’ post-doctoral experience. Expertise in methodologies for the purification and characterization of proteins is essential.

RESEARCH ASSOCIATES  
Dept. #589  
Candidates for these positions must have a minimum of a Bachelor’s degree in Biochemistry or a related discipline and a minimum of two years’ experience in the purification and characterization of proteins. Experience in chromatographic and electrophoretic techniques is essential. Familiarity with HPLC is desirable.

Amgen is committed to providing a challenging and collaborative environment in which scientists are stimulated to develop to their full potential with significant opportunity for scientific recognition. In addition, Amgen offers an excellent compensation and benefits package with equity opportunities.

If you have the necessary qualifications and would like to be a part of an organization that places a high priority on its human resources, please send a CV, in confidence, to:

AMGEN, INC.  
Recruitment, Dept. # (please specify)  
Amgen Center Thousand Oaks  
CA 91320-1789
RESEARCH LABORATORY TECHNICIANS

Since June of 1987, Mayo Clinic Scottsdale has grown to over 700 employees with plans to expand the facility to twice its current size by mid 1992. Laboratories are under construction to initiate a long-term program of research development. Plans include modern research space and equipment. Principal investigators will have facilities for active research involving in vivo and/or in vitro experiments. A program for the training of technicians is in progress.

Currently, Mayo Clinic Scottsdale is seeking technicians with a B.A./B.S. or M.S. in Biology, Biochemistry or a related field. Experience in recombinant DNA technology including molecular cloning, PCR, plasmid purification, gene expression, mammalian cell culture (particularly ES cells desirable) required.

An additional research position is available for a Research Technician with a B.A./B.S. in Biology or a related field. Experience preferred in in situ hybridization, histology, frozen sectioning, immunohistochemistry (immuno EM desirable). Basic recombinant DNA experience or knowledge is useful.

ATTRACTIVE COMPENSATION PACKAGE:
- Competitive salaries
- Comprehensive relocation package
- Outstanding benefits
- Impressive personal security program

ADDITIONAL AMENITIES:
- Sunny days
- Recreational attractions year-round
- Beautiful, warm weather

Interested candidates may call to request an application or may submit a resume to:

Kevin P. Cannon
Personnel Department
13400 E. Shea Blvd.
Scottsdale, AZ 85259
(602) 391-8200

Mayo Clinic is an Equal Opportunity/Affirmative Action Employer and Employer.

RESEARCH SCIENTIST

With Ph.D. in immunology or microbiology and strong background in both fields to head up program in Pediatric Otologyng Immunobiology. Research/Infectious Disease/Children's Hospital of Buffalo. Experience required at post-doctoral level in molecular biology and biochemistry. Strong interpersonal skills a plus. Salary $30,000 per year.

Send curriculum vitae to: Linda Brodsky, M.D., Department of Pediatrics, Children's Hospital of Buffalo, 219 Bryant Street, Buffalo, NY 14222.

EPIDEMIOLOGIST
COLUMBIA-PRESBYTERIAN MEDICAL CENTER

The Irving Center for Clinical Research seeks an epidemiologist for a position in midcareer in the field of respiratory diseases. Submit resume to: Career Development Committee, Irving Center for Clinical Research, 622 West 168th Street, New York, NY 10032.

Columbia University is an Equal Opportunity Employer.

TUMOR BIOLOGY CANDIDATE POSITION
DEPARTMENT OF LABORATORY MEDICINE AND PATHOLOGY
MAYO FOUNDATION

Applications are invited for a full-time career scientist position in tumor biology. Preference given to candidates with research interests in tumor suppressor genes and regulation of cell growth. Excellent facilities, support and research environment available for an established or highly promising research investigator. Level of appointment commensurate with qualifications. Send curriculum vitae, brief statement of research interest, and names of three references to: John Q. Bowers, Search Committee, 920 Hilton Building, Mayo Foundation, Rochester, MN 55905. Mayo Foundation is an Affirmative Action/Equal Opportunity Employer.

MYCOLOGIST

Myologist for private laboratory. Candidates must be competent in field collecting, identification, and laboratory culture of higher fungi. M.S., Ph.D., or A.B.D. Qualified applicants should send resume, references, and cover letter, in confidence, to: Box 5, SCIENCE Classified Advertising, OR, 5460, 1335 H Street, N.W., Washington, DC 20005.

BIOLOGICAL CONSULTANT:

For northwestern Ohio land development and investment firm to research, study, and analyze environment and impact of development for land parcels in Republic of China; prepare technical reports on land development, environmental impact, and utilization of natural resources using statistical analysis. Six months experience in above duties and a B.S. in biological science required. Must be able to speak, read, and write biological terms in Mandarin and Shanghaisie; must be willing to travel to Eastern People's Republic of China for up to 5 months at a time once per year. Monday to Friday, 8 a.m. to 5 p.m.; salary: $27,455 per year. Must have proof of legal authority to work permanently in the United States. Send resume in duplicate (no calls) to: S. Holton, Job #1153493, Ohio Bureau of Employment Services, P.O. Box 1618, Columbus, OH 43216.

RESEARCH SCIENTIST:

Research associate in molecular biology to study regulation of gene expression by RNA binding proteins. Studies will involve the analysis of RNA-protein interactions using in vivo and in vitro methods, e.g., cell-free systems, binding assays, RNA footprinting, RNA sequencing, purification and characterization of RNA binding factors, and their subcellular localization. Applicant should have a Ph.D. in biochemistry or molecular biology and at least 3 years of postdoctoral experience with particular expertise in use of FPLC for purification of proteins and RNA protein complexes, in addition to research experience in molecular biology. Applicants who are not U.S. citizens must indicate basis for work authorization in the United States. Salary is $24,000 per year. To apply send resume: Director, Employment Security Commission of North Carolina, 516 North Mangum Street, Durham, NC 27701 or your nearest service center. Refer to Job Order No. NC0302114, DOT Code 090.227-010.

RESEARCH SCIENTIST

MOLECULAR PLANT PHYSIOLOGIST-GNETICIST/PATHOLOGIST. USDA, Agricultural Research Service, Oslees Research Unit, Fargo, North Dakota. A temporary position NTE 3 years is available to a qualified candidate to conduct research in plant molecular biology and biochemistry. The major focus of this research will be the development of reliable methods for production of transgenic crops with improved resistance to sunflower insects. Knowledge of molecular biology and biochemistry is required. Ph.D. desired. Salary for GS-11/12, $33,116 to $37,394 per annum. Start date: July 1991. For more information and application forms contact: Cathleen Eunson, 301-344-3138 or write: To: Personnel Division, 6305 Ivy Lane, Room 318, Greenbelt, MD 20770-1435. Information contact: Dr. Brady Vick, Northern Crop Science Laboratory, P.O. Box 5677, Fargo, ND 58105. Telephone: 701-255-1301. Closing date: July 11, 1991. U.S. citizenship required. An Equal Opportunity Employer. Minorities and women are encouraged to apply.

RESEARCH ASSOCIATE POSITION
POSING TECHNOLOGY
DEPARTMENT OF VETERINARY IMMUNOLOGY
THE UNIVERSITY OF CHICAGO

A research associate position is available in the area of transgenic mice as models for the study of human diseases. The laboratory has extensive expertise in molecular biology and transgenic technology. We are seeking for an accomplished electron microscopist to participate in these and other studies. Knowledge of embedding, sectioning, and immunoelectron microscopy is desirable. Long-term employment is possible, and Ph.D. is desirable, but not essential. Salary is excellent and commensurate with experience. Please send curriculum vitae and three references to: Dr. Elaine Fuchs, Howard Hughes Medical Institute, Department of Molecular Genetics and Cell Biology, The University of Chicago, 5841 S. Michigan Avenue, Box 391, Chicago, IL 60637. An Affirmative Action/Equal Opportunity Employer.

CANCER B I OLOGIST:

Responsible for the development of chemotherapeutic agents for radiotherapy or for activation in specific solid tumor microenvironments; duties include studies of the roles of hypoxia and growth factors in therapy, cell-cell interactions, and tumor development involving extensive use of the multicellular spheroid model. Requires Ph.D. in chemistry (organic) plus 3 years of experience in job offered or in postdoctoral research of biological chemistry in cancer research. Also requires demonstration of success for successful developments in radiation chemistry and mechanism studies of chemotherapeutic drugs, especially radioisotopes and hyperthermic cell treatment. Organic structural analysis and synthesis, chemical analysis, basic techniques of molecular biology and protein chemistry, hypoxia research, cell biology, and assay for DNA damage. Salary: $46,200 per year. Job and interview site: Menlo Park, California. Send this ad and a resume to: Job #WS12213, P.O. Box 9560, Sacramento, CA 95823-0560 within not later than 28 June 1991. Must have legal right to work.

Research hospital in Memphis, Tennessee, is seeking a qualified ASSOCIATE SCIENTIST to participate in the on-going research on cancer. To study mitochondrial function in cell grown in tissue culture, investigate the mechanisms of action of chemotherapeutic agents on the energy metabolism; both in vivo and in vitro. Design procedures to isolate and evaluate function of mitochondria and other cellular enzymes, and study the effects of sulfonyl ureas on these organelles using laboratory methods such as HPLC, tissue culture, enzyme assays, electrophoresis, radiotopes, and equipment like centrifugals, pH meter, spectrophotometers, laminar flow hoods, computers. Requires a Ph.D. in biochemistry or biology and 4 years of experience. Must be able to work independently in the laboratory. Must have detailed knowledge of cell metabolism, both theoretical and practical, and be able to grow tissues and cells in culture, and be familiar with drug metabolism, enzyme isolation and function HPLC. Salary: $35,000 per year. To apply send resume: Director, Job Service Program and Technical Support, Tennessee Department of Employment Services, Nashville, TN 37245- L100. Please refer to job order number TN1235886. Affirmative Action/Equal Opportunity Employer.

SCIENCE, VOL. 252
Research Positions Available

Laboratory of Molecular Genetics
National Institute on Aging

Postdoctoral and Staff Fellowship (junior/senior level) research positions are available immediately to study the regulation of mammalian stress responses including:

1) regulation of heat shock protein expression in vivo and in vitro.
2) transcriptional regulation of genes induced by DNA damage and growth arrest and
3) genes induced in response to oxidative stress.

Experience in molecular biology and/or protein biochemistry is highly desirable, but not essential.

Starting salary commensurate with qualifications and experience. Interested candidates should submit curriculum vitae to:

Nikki J. Holbrook, Ph.D.
Senior Investigator
Gerontology Research Center
National Institute on Aging
4940 Eastern Avenue
Baltimore, MD 21224

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PATENT AGENT
Sanofi Diagnostics Pasteur, Inc., formerly Kallestad Diagnostics, Inc., is an international leader in the development and marketing of diagnostic testing of human diseases and allergies. Our research is focused on the molecular biology and immunology of blood viruses and other infectious agents, allergy, and autoimmune disease. To assist us in protecting the products of our research, we are seeking a Ph.D. in molecular biology, immunology, biochemistry or microbiology to act as Patent Agent with our dynamic, multi-national organization.

This high-profile position will require you to provide intellectual property services including the preparation of worldwide patent applications and the drafting of patent opinions. We will also rely on you to play an integral role in the preparation and evaluation of technology transfer agreements. Special consideration will be given to applicants with prior legal or patent experience.

In exchange for your expertise, you will receive an excellent salary and benefits package that includes company-paid medical/dental insurance coverage, relocation assistance and 401K plan. In our suburban Minneapolis location, you can also enjoy affordable housing, world-class cultural and sporting events, superior schools and universities, and outstanding year-round recreational activities. For confidential consideration, please send your resume and salary requirements to: Sanofi Diagnostics Pasteur, Inc., 1000 Lake Hazeltine Drive, Chaska, MN 55318, Attn: Mary Moen/Human Resources.

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PROTEIN BIOCHEMIST/BIOPHYSICIST Ph.D.
The Department of Cancer Research at Merck Sharp & Dohme Research Laboratories is seeking a protein biochemist/biophysicist with experience in protein-protein and/or protein-DNA interactions to complement our multidisciplinary oncogene research program. The selected candidate will study the membrane or nucleus-localized protein complexes involved in the mitogenic signalling pathway with a view toward the rational design of anticancer therapeutics. A Ph.D. in Biochemistry, Biophysics or the equivalent with at least 2-3 years of appropriate post-doctoral experience is required.

Merck is the recognized world leader in Pharmaceutical Research. We offer an excellent environment and facilities to successfully handle exceptional scientific challenges.

Excellent salary and benefits programs accompany this position at our suburban Philadelphia research facility. Please send curriculum vitae with cover letter to: Personnel Manager D-17, Research Personnel WP42-2, Merck Sharp & Dohme Research Laboratories, West Point, PA 19486.

EEO/AA/VH/Employer.
RESEARCH SCIENTIST

Saint Francis Hospital and Medical Center, located in Hartford, Connecticut, invites applicants to join our NIH-supported bone biology laboratory to work on molecular and cellular biology of the bone. Candidates for this position should have a Ph.D. degree and a postdoctoral fellowship with prior molecular and cell biology experience. Candidates will be eligible for an appointment at the University of Connecticut School of Medicine. Interested candidates should send a résumé and references to: Dr. Ernesto Canalis, Director, Department of Research, Saint Francis Hospital and Medical Center, 616 East Drive, Hartford, CT 06105. Equal Opportunity Employer.

TOXICOLOGISTS

California Department of Food and Agriculture seeks staff toxicologists by its urban-rural regulatory program. Incumbents will evaluate toxicology studies and/or conduct risk assessments. Positions exist for individuals with doctorate degrees in toxicology, pharmacology, or a closely related field with suitable experience in animal toxicology. Salary range starts at $4618 per month (minimum, Ph.D. and 3 years of experience). Comprehensive benefits and generous reimbursing oral exam required. Submit résumés to:

Department of Food and Agriculture
Examinations Unit
1222 North Street, Room 154
Sacramento, CA 95814

VETERINARY IMMUNOLOGIST: The Department of Veterinary Microbiology and Pathology at Washington State University (WSU) invites applications for a full-time, tenure-track position in veterinary immunology. The position offers 50% time for research to develop independent and collaborative extramurally supported research programs in immunology and infectious diseases. In addition, the position has 50% time for teaching veterinary immunology to veterinary students and a commitment to progressive teaching is required. Individuals with a PhD in Veterinary Microbiology are desired, and intention to pursue certification is required. Rank and salary will be commensurate with training and experience. Final screening will begin 1 August 2019, and will continue until the position is filled. The position is available from September 1991. In order to receive consideration for this position, applicants should submit curriculum vitae and names of three references to: Travis C. McGuire, Department of Veterinary Microbiology and Pathology, Washington State University, Pullman, WA 99164-7040, by 10 August 1991. WSU is an Equal Opportunity/Affirmative Action Employer.

RESEARCH INVESTIGATOR

Faculty position in research investigator available in research division at diabetes center affiliated with leading medical school to engage in immunological approaches to the study of diabetes and related retinal microvascular disease. Responsibilities include: conducting research on the role of the immune system in diabetic retinopathy by designing experiments to demonstrate antibodies to retinal blood vessels using immunofluorescence and tissue culture techniques and conducting research on the role of endothelial cells and pericytes in diabetic retinopathy by immunohistochemistry and in vitro experiments using monoclonal antibodies to biochemically characterize antibody-defined glycolipid antigens using appropriate biochemical methods.

Candidates must have a Ph.D. degree in biochemistry or immunology with a minimum of 3 years of postdoctoral experience in diabetes research. Candidates must have had pre- or postdoctoral training in immunology, biochemistry, or medicine, or pathophysiology as well as a good working knowledge of monoclonal antibody production and methods of purification and characterization of tissue antibodies. In addition, candidates must have proven ability to undertake independent research as evidenced by publications in recognized scientific journals, and must be able to function as a self-sufficient researcher.

Interested individuals should submit two copies of current vita and publication list with three letters of reference to: Dr. Don D. Lackey, Director of Employment, Training, Special Programs, Hurley Building, 19 Stanstead Street, Boston, MA 02114 and refer to Job Order #1498.


TOXICOLOGIST PHARMACOLOGIST. To be supervisor and assistant director of a clinical drug analytic laboratory at Georgetown University Medical Center. Position carries faculty appointment at instructor or assistant professor level, depending upon qualifications. Expertise in immunoassay, GC/GC/MS necessary. Georgetown University is an Affirmative Action/Equal Opportunity Employer. Send résumé to: Stanley Cohan, M.D., Ph.D., Department of Neurology, Georgetown University Hospital, 3800 Reservoir Road, N.W., Washington, DC 20007.
Developing a protein used to treat immune deficiencies is just one of our significant medical achievements.

Our products are breaking ground in the treatment of such life-threatening illnesses as cancer, hemophilia and severe anemia. And that's only the beginning.

We have built one of the world's largest biotechnology manufacturing facilities in Andover, Massachusetts. This strategic move will give us full control over the research, development, and manufacture of our own products, and positions us perfectly to meet our ambitious goals for the future.

For experienced professionals who seek a fast-paced, exciting atmosphere where creativity is encouraged and rewarded, there is always room for achievement at Genetics Institute.

MOLECULAR BIOLOGY

STAFF SCIENTIST

We are seeking a Ph.D.-level Molecular Biologist to participate in the development and characterization of mammalian cell lines expressing heterologous recombinant proteins. The successful candidate will possess a fundamental understanding of all aspects of mammalian gene expression and a demonstrated record of achievement in molecular and cell biology. Extensive experience with molecular techniques is required, including quantitative hybridization methods, construction and screening of genomic and/or cDNA libraries, PCR and DNA sequencing. Experience in cell culture and the expression and characterization of proteins in mammalian cells is also desired. Candidates should have a Ph.D. plus 0–2 years of relevant postdoctoral experience.

RESEARCH ASSOCIATE

A position is available within our Fermentation Development Lab for an entry level Master’s Degree candidate or Bachelor’s degree individual with 1–3 years of industry experience. Ideal candidates will have a background in the isolation of proteins from E-coli and/or downstream processing as well as a working knowledge of techniques used in traditional bench-top analysis such as SDS-PAGE and HPLC. Scale-up experience preferred.

PHARMACEUTICAL DEVELOPMENT

STAFF SCIENTISTS

Within the Pharmaceutical R&D Department, we specifically search for insights into the protein's 3-D conformation. Any changes in the conformation of the molecule may be related to an increase or decrease in the stability, solubility or efficacy of the molecule.

We are therefore, seeking Staff Scientists (Ph.D.) with experience in protein structure, function, or stabilization to take responsibility for the dosage form development of therapeutic proteins such as lymphokines, bone-growth proteins, and monoclonal antibodies. Candidates with a strong background in biochemistry or physical biochemistry are urged to apply. Applicants must have excellent communication skills and a strong publication record.

CELL BIOLOGIST

We have a job opening for a Cell Biologist to join a multidisciplinary Mammalian Cell Culture Group consisting of Cell Biology, Molecular Biology and Biochemical Engineering Laboratories. The primary role of this individual will be to develop cell culture processes by establishing an enabling understanding of the cell physiology of recombinant mammalian cells. Direct experience in the use of techniques which would allow the biochemical and immunochemical evaluation of proteins made by recombinant cells is necessary. The ideal candidate will have a Ph.D. in a relevant biological science plus at least two years postdoctoral experience, or equivalent industrial/academic experience.

Qualified candidates, please send resume to Peter Lasky, Human Resources, Genetics Institute, Inc., One Burtt Road, Andover, MA 01810. An Equal Opportunity Employer.
Quality Isn't The Difference Anymore.

At least not in deciding which enzymes to buy. As these gels indicate, biological enzyme quality has become an industry standard. Most product prices and selections are equal as well. That's why IBI and VWR are working hard to provide you with a product that does make a difference...Outstanding Service.

**Having The Best Distribution Makes A Difference.**

You've probably heard about our partnership with VWR Scientific, one of the market's leading distributors. Now you can one-stop-shop for all your laboratory products and eliminate expensive and time-consuming sourcing and ordering paperwork.

**Having The Best Response Time Makes A Difference.**

To provide immediate shipping and eliminate the time change between the East and West Coasts, VWR stocks IBI biologicals at three U.S. locations. With 250 representatives nationwide, you can count on personalized attention and timely response.

**Having The Best Guarantee Makes A Difference.**

Our promise is simple. IBI enzymes perform to their stated specifications or you get a credit for twice the value of your purchased product.

**Your Satisfaction Makes A Difference.**

We're taking service very seriously. After all, when product quality, price and selection are the same, getting the best service makes all the difference.

For additional information, please contact IBI Technical Resources at (800) 243-2555 or your local VWR Sales Office. Outside of the U.S., contact the IBI International Sales Department at (203) 786-5600 for the name of the distributor nearest you.

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*Lane 1: Kpn I cut Adenovirus Type 2 DNA, 5 Units/pg DNA; Lane 2: ligated product; Lane 3: ligated product recut with 5 U Kpn I/pg DNA; Lane 4: overdigest, 30 U/pg DNA.

If you would like to review the specifics of these assays or know which companies were involved, contact one of the numbers listed.