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DEADLINE: Thursday, 10 a.m., 2 weeks prior to issue date. Advertising is accepted only in writing.

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CANCELLATIONS: Deadline for cancellations is 10 a.m., 2 weeks prior to issue date. Address ad copy or requests for information to:

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Washington, DC 20005
Telephone: 202-326-6555
FAX: 202-326-6555

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1515 Broadway
New York NY 10036
Telephone: 212-730-9500
FAX: 212-382-3725

RESPONSES TO EMPLOYMENT ADS

Applicants should read Positions Open ads carefully in order to discover qualifications, salaries, and responsibilities and should especially check for any stated deadline for receipt of applications. Applicants are urged to write to the advertisers for positions to investigate employment laws, non-discrimination requirements, and cultural differences in the country advertising for employees. To reply to a blind box ad, address correspondence to:

Box (give number)

SCIENCE Classified Advertising
1333 H Street, NW, Room 940
Washington, DC 20005

POSITIONS OPEN

ASSISTANT PROFESSOR, NEUROPHARMA-
COLOGY/NEUROTOXICOLOGY. The Depart-
ment of Pharmacology, Toxicology, and Therapeutics at the University of Texas Health Science Center at Houston is making applica-
tions for a tenure-track position for a neuropharmacolo-
gist, neurotoxicologist, or neuroscientist. The applicant must have an M.D. or Ph.D. degree, with two or more years of relevant postdoctoral experience. The successful candidate will be expected to establish an independent research program. At the University, research is open but targeted areas include drug abuse, developmental and behavioral pharmacology/toxicology, and mechanisms of brain damage. Primary appointment will be in this department but will include an affiliation with the Mental Retardation Research Center. A further affiliation with the Center for Environmental and Occupational Health is possible. Applications, including curriculum vitae, a short summary of research plans, and the names of three references, should be received by 1 November 1990. Send the search will remain open until the position is filled. Send applications to: Dr. Richard H. Alper, Department of Pharmacology, Toxicology, and Therapeutics, University of Kansas Medical Center, Kansas City, KS 66103. The University of Kansas is an Affirmative Action/Equal Opportunity Employer.

Yale University: The Department of Chemistry invites applications for an anticipated position at the ASSIST-
ANT PROFESSOR level in one of the major areas of organic chem-
istry, effective the academic year 1991. We seek talented teacher-scholars who show promise for developing out-
standing research programs.

Applications, including curriculum vitae, a statement of research interests and plans, and should arrange for the submission of three letters of recommendation. All ma-
terials should be received by 1 October 1990. Send applications to: Professor Frederick E. Ziegler, Chair-
man, Department of Chemistry, 225 Prospect Street, Box 6666, Yale University, New Haven, CT 06511-
8118. Yale University is an Equal Opportunity/Affirmative Action Employer.

ASSISTANT PROFESSOR, INTERNATIONAL HEALTH/NUTRITION INFECTIOUS DISEASES Tenure-track assistant professor position for an indi-
vidual with research interests in international health, particularly infectious diseases and nutrition. We are looking for a highly motivated individual with field experience and well-developed ideas for pursuing his or her own independent research program. The Division of International Health and Public Health Nutrition has opportunities for field research in Latin America and the Caribbean. Individuals with laboratory back-
grounds and an interest in international work are also encouraged to apply. The successful applicant will have a Ph.D. or M.D. and a PhD, a background in research expe-
rience and good potential for supporting his or her research via extramural grant support. Send curriculum vitae and three letters of reference by 1 October 1990 to: Dr. Jose O. Alvarez, Search Committee, 303 Tidwell Hall, School of Public Health, University of Alabama at Birmingham (UAB), Birmingham, AL 35294. Telephone: 205-972-1732.

UAB is an Equal Opportunity/Affirmative Action Employer.

POPIULATION BIOLOGIST

Applications are invited for a tenure-track ASSIST-
ANT PROFESSOR position in the Department of Zoology, University of Toronto, beginning 1 July 1991. We are seeking an outstanding and innovative population biologist who has recently received his/her Ph.D. degree (preferable in population genetics and/or evolutionary ecology of animal populations). The successful candidate will be expected to establish a vigorous independent research program and to teach at undergraduate and graduate levels. Salary will be commensurate with experience and qualifications. By 1 December 1990, the candidate should send current cur-
rriculum vitae, a description of their future research plans, and three letters of reference to: Dr. I. Tallant, Depart-
ment of Zoology, University of Toronto, Toronto, Ontario M5S 3G3.

In accordance with Canadian immigration requirements, pri-
ority will be given to Canadian citizens and permanent residents (landed immigrants) of Canada. Applications are invited from all qualified women and men.

ECOLOGIST

ASSISTANT PROFESSOR, tenure-track position at Kenyon College. Candidates should have a Ph.D. degree, evidence of excellence in teaching, and an active research program that will involve undergraduates. Teaching will depend partly on area of expertise, and could include animal behavior or marine biology with introductory biology. A research laboratory and start-up costs will be provided. Kenyon has a biological preserve with access to an excellent small river. Applicants should submit curriculum vitae, graduate and undergraduate transcripts, a description of teaching and research inter-
est, and should arrange to have three letters of reference sent by 9 November 1990 to: Dr. Raymond Heithaus, Department of Biology, Kenyon College, Gambier, OH 43022. An Equal Opportunity Employer.

VECTOR BIOLOGIST

YALE UNIVERSITY SCHOOL OF MEDICINE

The Department of Epidemiology and Public Health invites applications for an ASSIST-
ANT PROFESSOR level, available 1 January 1991. Can-
didates should have a doctorate and postdoctoral training in entomology, insect genetics or physiology, parasitology, population biology, or other appropriate area for the study of arthropod vectors of human disease. The candidate should demonstrate potential to obtain research support, and prior field experience is desirable. The appointee will be expected to interact with members of the Yale Arbovirus Research Unit and the MacArthur Center for Medical Parasite Biology both of which are housed within the department's facilities), to develop an independent research program, and to partic-
tipate in teaching graduate students. Send curriculum vitae, a summary of research interests, and names of three references by 1 October 1990 to: Robert B. Tesh, M.D., Department of Epidemiology and Public Health, Yale University School of Medicine, P.O. Box 3333, New Haven, CT 06510. Yale University is an Equal Opportunity/Affirmative Action Employer.

ASSISTANT/ASSOCIATE PROFESSOR. Rumen microbiologist/molecular biologist, tenure-track, 9-
month, research-oriented positions: research in re-
molecular biology, biochemistry, metabolism, and/or genetics of rumen microbes; teach graduate ru-

ASSISTANT/ASSOCIATE PROFESSORS PLANT-MICROBE INTERACTIONS

The Department of Plant Pathology and Microbiology at Texas A&M University seeks two new faculty with active research programs in molecular approaches to plant diseases. Research on plant-microbe interactions and/or fungal molecular biology is particularly desirable, but candidates with other interests will be considered. Successful applicants will be expected to participate in teaching undergraduate and graduate levels and to establish vigorous research programs funded by extramural sources. Postdoctoral experience or demon-
stration of independence and self-sufficiency is available. The appointment is available 1 January 1991. Applications are invited from all qualified women and men. Send application letter, curriculum vitae, and names of three references by 1 October 1990 to: Dr. Clint Magill, Chair of Search Committee, Department of Plant Pathology and Microbiology, Texas A&M University, College Station, TX 77843.
POSITIONS OPEN

INDIANA UNIVERSITY, BLOOMINGTON, IN 47405

*EE.* They are invited to apply for Assistant/Associate Professor appointments in the Department of Biochemistry at Indiana University, Bloomington. Assistant Professor positions will be available beginning July 1991. Applicants should have earned a Ph.D. degree and have demonstrated research and teaching potential. Applicants should send a curriculum vitae and three letters of recommendation to: Dr. F. Eric Buehler, Department of Chemistry, Indiana University, Bloomington, IN 47405. Applications are due by December 1, 1990. The University is an Equal Opportunity/Affirmative Action Employer.

Biomedical Research and Education Institute (BREI) at the University of Arizona College of Medicine-Phoenix invites applications for a position as Associate Professor. The successful candidate will be expected to develop an active and externally funded research program at the University of Arizona and to participate in the teaching of graduate students. Applicants should have a Ph.D. or M.D. and post-doctoral experience. Applicants should send a curriculum vitae, a statement of research plans, and the names of three references to: Dr. R. Mecham, Department of Physiology, University of Arizona College of Medicine-Phoenix, PO Box 2640, Tucson, AZ 85729. The University of Arizona is an Equal Opportunity/Affirmative Action Employer.

POSITIONS OPEN

HARVARD MEDICAL SCHOOL CENTER FOR BLOOD RESEARCH

Applications are invited for Assistant/Associate Professor appointments in Medicine, Biochemistry, and Molecular Biology. We are seeking outstanding candidates with demonstrated research potential in the field of cellular and molecular aspects of blood coagulation and associated diseases. Applicants should have an M.D. and/or Ph.D. and be able to demonstrate ability to design novel research using state-of-the-art techniques. Candidates should have a strong track record of research and teaching. Applications should include a current curriculum vitae and a list of three references. Review of applications will begin immediately and continue until the position is filled. The Harvard Medical School is an Equal Opportunity/Affirmative Action Employer.

POSITIONS OPEN

THEORETICAL POPULATION BIOLOGIST

The Department of Zoology, University of California, Santa Barbara, invites applications for a position as Associate Professor of Theoretical Population Biology. The successful candidate will be expected to develop an actively funded research program and to teach courses in population biology. Applicants should have a Ph.D. in biology and a strong research record. The applications should include a curriculum vitae, a description of research plans, and the names of three references. Applications should be received by December 1, 1990. The University of California is an Equal Opportunity/Affirmative Action Employer.

ASSISTANT/ASSOCIATE PROFESSOR DEPARTMENT OF GENETICS

HARVARD MEDICAL SCHOOL

The Department of Genetics invites applications for the position of assistant associate professor. The successful candidate will be expected to develop a research program in molecular genetics and to teach genetics courses. Applicants should have a Ph.D. or equivalent and a strong record of research. Applications should include a curriculum vitae, a statement of research plans, and names of three references. Review of applications will begin immediately and continue until the position is filled. The Harvard Medical School is an Equal Opportunity/Affirmative Action Employer.

SCIENCE, VOL. 249
Stirling Research Group

Discover a bright future at Sterling Research Group, the worldwide pharmaceutical research and development organization of Sterling Drug Inc. As a subsidiary of Eastman Kodak, Sterling outshines the rest with its unbeatable combination of a small, friendly company environment and the depth, resources and growth potential of a large multinational corporation.

Sterling Drug Inc. is expanding their use of computer related technologies in support of its drug discovery and development programs. To facilitate this expansion, Sterling has initiated several new projects such as: the development of automatic code generators for robots, advanced experimentation, and the development of an advanced QSAR workbench. Our goal is to introduce advanced modeling technology into the day-to-day research and development activities at Sterling Research Group.

Senior Applied Mathematicians

We need several Senior Applied Mathematicians who thoroughly understand the theory and practice of advanced software engineering techniques. Those applying should have a Ph.D. or equivalent in Applied Mathematics. Applicants must be accomplished in at least two of the following languages: FORTRAN, C (or C++), PASCAL or LISP.

Biophysicist

This position offers the challenging objective of introducing advanced modeling and new computer-related technologies into the fabric of Sterling’s research and development efforts. Ph.D. or equivalent experience in biophysics with a strong background in applied mathematics is required. 1-5 relevant years’ experience in the most recent software engineering technology is preferred.

These positions will be filled by professionals who can both develop and carry out independent research and also work harmoniously in an interdisciplinary team. Please send resume to:

Teri A. Foreman-J., Sterling Research Group, 9 Great Valley Parkway, Malvern, PA 19355.

An Equal Opportunity Employer M/F/H/V.

Sterling Research Group
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Build A Future With Sterling.

Sr. Information Scientist

R.W. Johnson Pharmaceutical Research Institute integrates worldwide R&D efforts for 5 Johnson & Johnson Pharmaceutical Companies to maximize our traditional R&D efforts and our strengths in biotechnology. Expanding programs have created a significant career opportunity for a Biomedical Scientist with good written and oral communication skills, and demonstrated ability to handle diverse, multiple assignments simultaneously.

To qualify, you must have a PhD or equivalent in the Biological Sciences with extensive publications, or an MS degree with at least 5 years of solid pharmaceutical research experience. You will be responsible for preparing IND brochures, writing clinical summaries for NDAs/product license applications/international registrations; preparing reports summarizing clinical trials and interfacing with regulatory agencies.

We offer a competitive salary and comprehensive benefits as well as an ideal suburban New Jersey location between New York City and Philadelphia. Please submit curriculum vitae with salary requirements to:

Ms. P. Merski, Dept. 34, R.W. Johnson Pharmaceutical Research Institute, P.O. Box 300, Raritan, New Jersey 08869-0602.

An Equal Opportunity Employer M/F
ASSISTANT OR ASSOCIATE PROFESSOR PHYSIOLOGY AND BIOPHYSICS

The Department of Physiology and Biophysics in the College of Medicine, University of Nebraska Medical Center invites applications for two tenure-lead- ing faculty positions at the assistant or associate professor levels. Applicants should have a doctorate degree and have completed at least 2 years of postdoctoral training. The department seeks individuals in the areas of neural control of the autonomic nervous system and excitatory neurotransmitter control. The successful candidate should provide evidence of a strong, extramurally funded research program in either of these areas. In addition, a commitment to teaching medical students and health students, and graduate students is required. The department will offer competitive salary commensurate with experience and rank. Substantive start-up funds are also available. Applicants should send curriculum vitae with the names of three references by 30 September 1990 to:

Irving H. Zucker, Ph.D.,
Professor and Chairman
Department of Physiology and Biophysics
University of Nebraska College of Medicine
400 South 42nd Street
Omaha, NE 68194-4575

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

CELL, DEVELOPMENTAL, OR NEUROBIOLOGY. Appointment at the ASSISTANT, ASSOCIATE, OR FULL PROFESSOR level is open in the Department of Anatomy and Cell Biology at the University of Kansas Medical Center (KUMC). Applicants must have a Ph.D. and/or M.D. and a minimum of 2 years of postdoctoral research experience. Depending on academic level, candidates should have or will have been expected to develop an externally funded research program. Applicants with molecular approaches to problems in the fields of cell, developmental, or neurobiology are encouraged to apply. Applications will be reviewed beginning September 1990. The successful candidate will be expected to teach in one of the basic medical courses offered by the department and participate in the graduate program. Applicants should provide a resume, including a summary of past and present research interests, and three references. Dr. John C. Baharke, Chairman, Department of Anatomy and Cell Biology, University of Kansas Medical Center, 39th and Rainbow Boulevard, Kansas City, KS 66103. KUMC is an Equal Opportunity Employer.

FIELD STATION MANAGER
RESEARCH ASSOCIATE
SEARCH OPENED FOR WATER AND THE ENVIRONMENT

The University of Minnesota seeks a Stream Ecologist to manage and develop a research program at the Minnesota Experimental Stream Station. The station, located on eight experimental streams adjacent to the Mississippi River, approximately 50 miles northwest of the Twin Cities metropolitan area, is a joint appointment in the Natural Resources Research Institute and the Department of Forest Resources of the University of Minnesota.

Qualifications of the position include a Ph.D. in ecology or closely related field, postdoctoral experience desired, a demonstrated record of peer-reviewed publications, and a demonstrated interest in stream ecosystem modeling or experimental stream research grants. Special consideration will be given to individuals with experience in stream ecosystem modeling or experimental stream research grants.

The duties of the position will include (i) management of the facility, (ii) coordination and promotion of research activities with scientists interested in using the facility, and (iii) development of a research program using the facility through externally funded grants. Interested individuals should call Dr. Gerald J. Niemi of the Natural Resources Research Institute, 218-720-4279, for more information.

To apply, send a current résumé and names, addresses, and telephone numbers of three references by 30 September 1990. Send application to: Research Associate Search Committee, Natural Resources Research Institute, University of Minnesota, Duluth, Duluth, MN 55811.

The University of Minnesota is an Equal Opportunity Employer and employes of all races, colors, national origins, and sex are encouraged to apply.

PH.D. AUDIOLOGIST
CLINICAL DIRECTOR

The Department of Otorhinolaryngology and Human Communication, University of Pennsylvania School of Medicine, Department of Health Effects Research Laboratory (DHERL), is seeking a postdoctoral scientist to supervise clinical programs in cochlear implantation, vestibular testing, and intraoperative monitoring. The candidate must have a Ph.D. and/or M.D. and at least 5 years of research experience, and published papers in multimedia evoked potentials, with expertise in interpreting and analyzing recorded evoked potentials and EEG data. Expertise in topographic brain electrical activity mapping is required. Academic rank and salary will be commensurate with the candidate's experience and qualifications. The university provides a highly competitive salary and benefits. Interested applicants should submit curriculum vitae to: Robert H. Arvan, Ph.D., Chairman, Department of Otorhinolaryngology and Human Communication, University of Pennsylvania School of Medicine, 3400 Spruce Street, Philadelphia, PA 19104-6000.

The University of Pennsylvania is an Equal Opportunity Employer.

DIRECTOR, DIVISION OF EXPERIMENTAL PATHOLOGY

The Department of Pathology and Laboratory Medicine of the University of Rochester announces a search for a Pathologist to be appointed director of the Division of Cell and Molecular Pathology and Professor of Pathology. A broad research focus of the individual selected for this newly organized division is the elucidation of the cellular and molecular basis of human diseases. The director will be expected to develop a scientific laboratory to support the scientific endeavors of the department through recruitment of additional faculty and graduate and postgraduate trainees. Applications from individuals with M.D., M.D./Ph.D., or Ph.D. degree are welcome. Interested candidates should submit by 30 October 1990 their curriculum vitae and other credentials to: Search Committee for Division of Cell and Molecular Pathology, c/o Dean A. Arvan, M.D., Department of Pathology and Laboratory Medicine, University of Rochester, 600 Elmwood Avenue, Box 608, Rochester, NY 14642. Telephone: 716-275-5891. The University of Rochester is an Equal Opportunity Employer, M/F.

PRECOLLEGE SCIENCE EDUCATION PROGRAM MANAGER

Associated Western Universities, a consortium of 41 universities, is seeking a manager to coordinate its DOE-sponsored precollege science education programs including fellowship awards for faculty programs at 14 DOE labs. Qualifications: excellent communication, interpersonal, organizational skills, B.S. with strong background in science/engineering (advertising degree preferred); experience in science education programs or related work; position available immediately; salary to $40,000. Send application and names of three references to: Associated Western Universities, 2450 East Highland Drive, Suite 211, Salt Lake City, UT 84124.

FACULTY POSITION
BASIC MICROBIOLOGY

The Department of Microbiology and Immunology at Baylor College of Medicine is seeking microbiologists who can complement ongoing research programs with interests in molecular and cell biology, immunology, and genetics. We desire persons with experience in protein chemistry, signal transduction, and intracellular infection. Positions are available immediately. Send resume to: New York State Department of Labor, 677 South Salina Street, Syracuse, NY 13202.

Attention: LSR #51. J.O. No. NY0040768.

MICROBIOLOGY LABORATORY MANAGER

Requires B.S. in electrical engineering and 1 year of experience in electrical engineer in design and research. To operate and maintain electromagnetic and research laboratory, to assist students and research scientists in use of electromagnetic and microwave equipment, including printed circuit board production equipment, electronic test equipment, and computer analyzers. Duties include computer-controlled instruments for microwave measurements, microwave design software including Superconducting, and computer languages (Fortran, C, HP, Basic) and operating systems (VAX/VMS, DOS, Unix). Forty-hour week; $25,200 per year. Send resume to: New York State Department of Labor, 677 South Salina Street, Syracuse, NY 13202.

ENDOWED CHAIR
UNIVERSITY OF FLORIDA

The University of Florida Citrus Research and Education Center in Lake Alfred, Florida seeks applications and nominations for the endowed chair of Agronomy. Applicants should have a doctorate degree in agronomy or closely related field and be actively engaged in research or teaching with a research program focused on increasing the efficiency of Florida's citrus industry. The successful candidate will be expected to interact both with graduate students, postdoctoral associates, and professional staff. Successful candidates will be expected to conduct research on the potential development of environmental agents. Major emphasis will be on developing new methodologies for monitoring, assessing, and controlling postharvest pathogen activities and biologically based quarantine-disease response models. The successful individual will be expected to contribute to teaching a variety of courses including research methods, plant pathology, and environmental health. The individual will be expected to interact closely with colleagues in the College of Agriculture. The candidate will be expected to contribute directly to the research and teaching mission of the College. The successful candidate will be expected to compose a scholarly record of high quality and impact and to interact with colleagues. Applications are due by 30 September 1990.

The University of Florida is an equal opportunity/affirmative action institution. Minorities, women, veterans, and individuals with disabilities are encouraged to apply.

POSITIONS OPEN

CHIEF, PERINATAL TOXICOLOGY

The U.S. Environmental Protection Agency (EPA) is seeking candidates for the position of chief, Perinatal Toxicology Branch of the Developmental Toxicology Division in EPA's Office of Research and Development. This is a permanent full-time position located in Research Triangle Park, North Carolina (salary: $50,342 to $76,982). The 13 member investigative branch will conduct research on the potential developmental toxicity of environmental agents. Major emphasis is on developing new methodologies for monitoring, assessing, and controlling postharvest pathogen activities and biologically based quarantine-disease response models. The incumbent coordinates and directs research activities, serves as a scientific advisor to other divisions, and represents the program both nationally and internationally. Candidates should possess: Ph.D. or equivalent in biological or environmental disciplines; five or more years of experience in developmental toxicology; evidence of a strong public record; leadership ability in directing a creative research staff of 5 Scientists, 5 Scientists, 5 Scientists, and 5 Scientists. The University is an Equal Opportunity Employer.

DIRECTOR, MOLECULAR Virology

Applicants are now being accepted for the position of director of the Molecular Virology Facility and Research Laboratory. Applicants should have a doctoral degree, M.D., and/or Ph.D.; have demonstrated expertise in the methods of molecular biology as they apply to virology. Experience will be a full-time virology laboratory director (+ 70% research effort). In addition to responsibility for his/her research program, the director will also oversee the research of individual laboratories in his/her center (virology/infectious diseases, vaccine development). The director will provide the appropriate environment for collaboration and interdisciplinary investigative effort of the center under the general direction of the chief operating officer of Children's Research Institute. Openings for the position are currently available in the following specialties: virology, vaccinology, and immunology.


ENDOWED CHAIR

UNIVERSITY OF FLORIDA

The University of Florida Citrus Research and Education Center in Lake Alfred, Florida seeks applications and nominations for the endowed chair of Agronomy. Applicants should have a doctorate degree in agronomy or closely related field and be actively engaged in research or teaching with a research program focused on increasing the efficiency of Florida's citrus industry. The successful candidate will be expected to interact both with graduate students, postdoctoral associates, and professional staff. Successful candidates will be expected to conduct research on the potential development of environmental agents. Major emphasis will be on developing new methodologies for monitoring, assessing, and controlling postharvest pathogen activities and biologically based quarantine-disease response models. The successful individual will be expected to contribute to teaching a variety of courses including research methods, plant pathology, and environmental health. The individual will be expected to interact closely with colleagues in the College of Agriculture. The candidate will be expected to contribute directly to the research and teaching mission of the College. The successful candidate will be expected to compose a scholarly record of high quality and impact and to interact with colleagues. Applications are due by 30 September 1990.

The University of Florida is an equal opportunity/affirmative action institution. Minorities, women, veterans, and individuals with disabilities are encouraged to apply.
The University of Bern invites applications for an open

PROFESSORSHIP

in the Division of Mass Spectrometry and Space Science of the Physics Institute (Physikalisches Institut). The position will be available from October 1, 1991.

Applications from established scientists, willing to participate at all levels in the teaching duties of the Physics Institute, should be sent no later than November 30, 1990 to Erziehungsdirektion des Kantons Bern, Amt für Hochschulwesen (1000.281/90) Sulgeneckstrasse 70, CH-3005 Bern. In addition to the usual documentation (detailed curriculum vitae, publication record) an outline of the envisaged research activities should also be submitted.

For enquiries contact Prof. H. Debrunner, Managing Director, Physikalisch Institut, Sidlerstrasse 5, CH-3012 Bern, Tel. 0114131 654051.

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Join a prestigious team of Research Scientists in Antiviral Research

Bristol-Myers Squibb has an active program in antiviral research including chemotherapeutics targeted against herpesviruses and retroviruses. We need top quality, highly motivated candidates willing to work with infectious virus. The selected individuals will be located either in our Wallingford, CT, or Princeton, NJ, facilities. We offer excellent research facilities in well-equipped laboratories and, in Wallingford, a spacious vivarium and an excellent BSL-3 facility.

The following positions need to be filled:

Research Scientist

Develop programs in anti-HIV research. Qualifications: PhD and several years of post-doctoral experience in molecular virology or biochemistry.

Assistant/Associate Research Scientists (2)

Participate in the molecular retrovirology programs. Qualifications: BS or MS with laboratory experience in retrovirology or molecular biology or transgenic mouse techniques.

Post-doctoral Fellow

Participate in the molecular virology programs. Qualifications: PhD in molecular virology, biochemistry or immunology.

Bristol-Myers Squibb offers an excellent salary and a comprehensive benefits package, a fertile and interdisciplinary scientific environment and a commitment to drug discovery.

To apply, send resume and salary history to Bristol-Myers Squibb Pharmaceutical Research Institute, Dept. SS-SC/VIR, P.O. Box 5101, Wallingford, CT 06492-7681. An equal opportunity employer, M/F/H/V.

Bristol-Myers Squibb
Pharmaceutical Research Institute
Molecular Neurobiologist
Medicinal Chemist

Alzheimer’s Research Center for Clinical and Basic Research
Medical College of Georgia

The Medical College of Georgia Department of Pharmacology and Toxicology invites applicants for two tenure-track positions working with the university’s Alzheimer’s research center.

A molecular neurobiologist is sought who will bring an independent program and also interact with basic science and clinical faculty in activities such as basic studies of etiology, new therapeutic approaches and novel diagnostic procedures. This position is available, depending on experience, at the rank of assistant, associate or full professor.

A medicinal chemist at the level of assistant professor is needed with strong interests in the development of drugs acting on the central nervous system. This faculty member will be encouraged to develop his own research as well as collaborate with various research efforts in the Alzheimer’s research center. One area of collaborative research will be the development of test compounds and potential pharmacologic agents to enhance learning, memory and cognition in animal models.

Both new faculty members will participate in the education of medical and graduate students. Substantial support in terms of equipment, supplies and personnel will be provided for both new positions.

Candidates for these positions may send a curriculum vitae, description of research activities and three references to:

Dr. Jerry Buccafusco, chairman
Search Committee
Department of Pharmacology and Toxicology
Medical College of Georgia
Augusta, Georgia 30912-2300

The Medical College of Georgia is an affirmative action/equal opportunity employer.

HEAD
Department of Bacteriology and Biochemistry
University of Idaho

The faculty of the Department of Bacteriology and Biochemistry at the University of Idaho is seeking an outstanding scientist to serve as Head. The department is comprised of 17 research and teaching faculty (including 12 assistant professors) with research interests in microbiology, biochemistry, molecular biology, and food science. The department offers B.S., M.S., and Ph.D. degrees. The scientist selected for this position will have been recognized by her/his peers as having an exceptional research reputation, a history of grantsmanship and publication, and teaching experience in contemporary biological sciences. The successful applicant will be expected to continue an active research program, supervise the day to day administration of the department, and provide a leadership role in the professional development of the large number of younger faculty members in the department. Competitive salary and start up packages are included and a substantial annual research endowment is possible.

Applications should include a detailed discussion of current research interests, curriculum vitae, a summary statement on administrative philosophy and experience, and at least three reference letters. Nominations and applications should be sent to: Dr. David J. Oliver, Department of Bacteriology and Biochemistry, Life Science Building, University of Idaho, Moscow, Idaho 83843, (208) 885-7164.

The search will be closed when a sufficient number of qualified applicants have been identified but not before September 15, 1990. The University of Idaho is an equal opportunity/affirmative action employer.

NEUROBIOLOGIST

The Laboratory of Neurophysiology, National Institute of Mental Health (NIMH) Intramural Research Program, will have a Staff Fellowship available from August, 1990. Located at the NIH Animal Center near Poolesville, Maryland, the laboratory conducts research in the area of behavioral neurophysiology, with special emphasis on the motor areas of the cerebral cortex in nonhuman primates. The Fellow will be able to develop an independent research project or join ongoing research, as appropriate. Applicants must have a Ph.D., M.D., or equivalent. Stipends vary from $24,000 to $41,700, depending on postdoctoral experience, and the position is renewable, subject to administrative approval, for up to seven years. To apply, send CV and letter of research interests to:

Dr. Steven P. Wise, Chief Laboratory of Neurophysiology
P. O. Box 289
Poolesville, MD 20837

NIMH is an Equal Opportunity Employer

DRUG METABOLISM
Structural Relationships

The Department of Biophysical Chemistry in the Merck Sharp & Dohme Research Laboratories has an immediate opening for a Senior Drug Metabolism Scientist interested in the correlation of structural variations with the biotransformations of new drugs. The position requires supervisory experience and a Ph.D. in Chemistry or Biochemistry with at least 5 years of postdoctoral experience in a relevant drug metabolism field. Superior skills in isolation and separation technologies are essential. Primary responsibilities include support of various drug discovery programs using in vivo and in vitro methods to address absorption, bioavailability, and metabolism issues of drug candidates. The applicant’s practical skills should be complimented by a high level of initiative and superior communication skills. This position offers a unique opportunity to interact with a team of molecular biologists, protein biochemists, NMR spectroscopists, and X-ray crystallographers in order to understand and better control the biological fate of small organic molecules.

Merck Sharp & Dohme Research Laboratories is located in Rahway, New Jersey approximately 25 miles from New York City. Our facilities are state-of-the-art and our renowned research environment is excellent. For consideration, please send your resume with the names of three references to:

Ms. Susan F. Glicks
P.O. Box 2000, RB06-M-1
Rahway, NJ 07065

An equal opportunity employer.
Executive Director
OFFICE OF INTERNATIONAL AFFAIRS

The National Research Council (NRC), the principal operating arm of the National Academy of Sciences, the National Academy of Engineering, and the Institute of Medicine, a national non-profit, non-government institution located in Washington, D.C., invites applicants for the position of Executive Director of the Office of International Affairs. OIA activities include international programs to examine relevant science and technology policy issues, including those concerned with scholarly communication; effective uses of science and technology in development; security and world peace. A staff of approximately 60 supports the work of the OIA.

The Executive Director, in cooperation with the OIA Chairman and Executive Board, manages the OIA as one of ten major program units of the NRC, including all scientific, financial and administrative operations, in coordination with cognizant chairman and subject to policy directives of the Chairman, Vice Chairman and Executive Officer of the NRC. The incumbent plans and oversees the ongoing program of technical activities and studies, and supervises staff. The OIA Executive Director identifies emerging problems and opportunities for policy analyses, and responds to requests for studies and information.

Applicants should have: Ph.D. or equivalent related to international affairs and at least 12 years' experience related to (1) analysis of international science and technology policy issues; (2) participation of U.S. scientists in international programs; (3) U.S. scientific cooperation and exchanges with other countries; and (4) the U.S. scientific community in effective technical assistance to, and cooperation with, developing nations. Substantial leadership experience is required in program development, policy analysis, policy formulation, staff management and project quality assurance.

Familiarity with institutions of higher education and industry, the U.S. government's role in supporting and using research in international affairs, contract and grant procedures is required. Candidates must also have demonstrated effectiveness in staff and financial management, and oral and written communications.


NATIONAL RESEARCH COUNCIL

GLAXO INSTITUTE FOR MOLECULAR BIOLOGY

The Geneva molecular biology research Institute of one of the world's most successful healthcare groups is recruiting a

MOLECULAR BIOLOGIST
to establish and characterize neuronal cell lines

The successful candidate will join a highly motivated research team studying various aspects of neuronal development and neurodegeneration.

The ideal applicant will have a PhD and several years of postdoctoral research experience. Also, extensive knowledge of gene transfer techniques (possibly including retroviral transformation) is required. Experience in neurobiology and neuronal cell culture would be an advantage. The candidate should have a proven track record demonstrated by publications.

The Glaxo Institute for Molecular Biology carries out long term research to support the company-wide effort to discover effective new medicines. It provides a dynamic research environment, and encourages the publication of scientific results as well as collaborative projects with academic groups.

We offer an excellent salary and benefits package and opportunities for career development in one of the most attractive parts of Europe.

If you are interested in this position, please send your Curriculum Vitae with a list of publications and the names of three referees to: Rita Gloor, Personnel Manager, GLAXO IMB S.A., 46, route des Acacias, 1211 Geneva 24, Switzerland.
POSITIONS OPEN

FACULTY POSITION - ANALYTICAL CHEMISTRY

The Department of Chemistry at Indiana University, Bloomington, invites applications for a tenure-track faculty position in analytical chemistry at the ASSISTANT PROFESSOR level beginning in the fall of 1991. Applications for more senior level appointments are also welcome. Applicants must show exceptional promise of establishing a vigorous, independent research program in an academic setting. To apply, please submit curriculum vitae, a statement of research interests, and three letters of recommendation to: Joseph W. Bloss, Chair, Search Committee, Department of Chemistry, Indiana University, Bloomington, IN 47405. Indiana University is an Affirmative Action/Equal Opportunity Employer.

FACULTY POSITION - INORGANIC CHEMISTRY

The Department of Chemistry at Washington University in St. Louis invites applications for a faculty position in inorganic chemistry, effective September 1991. Primary consideration will be given to applications at the ASSISTANT PROFESSOR level, but candidates with distinguished records will be considered for higher levels of appointment. Competitive start-up funding will be provided with the position. Candidates are requested to submit by 1 November 1990 curriculum vitae and a one-page statement of current research plans, and to arrange to have three letters of reference sent to: John R. Bleeke, Chairman, Search Committee, Department of Chemistry, Washington University, St. Louis, MO 63130. Washington University is an Affirmative Action/Affirmative Action Employer, and employment eligibility verification will be required of the successful candidate.

FACULTY POSITION - IN PHARMACOLOGY

The Department of Pharmacology at the University of Alabama at Birmingham (UAB) invites applications for two tenure-track positions at the ASSISTANT PROFESSOR, and ASSOCIATE PROFESSOR level available in the fall of 1990. Individuals will complement present faculty research and teaching interests in chemotherapeutics, particularly in the areas of cancer, AIDS and AIDS-related opportunistic infections. The successful applicant(s) will be expected to have potential to attract extramural support and to be able to establish an independent research program. All candidates must demonstrate a strong research record with current funding. Responsibilities will also include teaching of medical/graduate students. Send letter of application with curriculum vitae and three names of references to: Dr. Robert B. Diasio, M.D., Professor and Chairman, Department of Pharmacology, University of Alabama at Birmingham, Department of Pharmacology, Box 402 Volker Hall, UAB Station, Birmingham, AL 35294. UAB is an Affirmative Action/Affirmative Action Employer.

The Department of Medicine at the University of Pittsburgh is seeking for its Division of Infectious Diseases a minimum of three FACULTY CANDIDATES, one of whom must be a senior person at the level of ASSOCIATE PROFESSOR or above. This new group of faculty will strengthen a newly enlarged Division of Infectious Diseases which now includes the infectious disease programs at our three main teaching hospitals in adult medicine (i.e., Presbyterian-University, Montefiore, and Veterans Administration Hospitals. Infectious disease physicians who are Board-certified or -eligible and who have had training and research in molecular virology, molecular pathogenesis, or molecular biology are invited to apply. Strong collaborative arrangements and appointments with departments in the health center dealing with basic molecular virology or the molecular biology of other disciplines related to infectious diseases such as bacteriology and immunology. Adequate start-up and start-up funds are available for the development of a strong research program in a division dedicated to teaching and research. For consideration, send letter and curriculum vitae to: Myung Ho, M.D., Infectious Diseases, University of Pittsburgh, 968 Scaife Hall, Pittsburgh, PA 15261. The University of Pittsburgh is an Equal Opportunity/Affirmative Action Employer.

POSITIONS OPEN

FACULTY POSITION - VIROLOGY/INFECTIOUS DISEASES

Tenure-track position for a new or established PHYSICIAN-SCIENTIST to join a highly interactive group of investigators actively studying numerous aspects of viral pathogenesis. Candidates should have an M.D. degree with clinical training in pediatrics or infectious diseases, or an appropriate combination of independent laboratory based research in virology, immunology, or related field. We have available facilities equipped for conducting experiments in virology, bacteriology, immunological, immunological, and animal model research. Start-up funds, protected research time, and opportunities to participate in ongoing funded projects are available. Candidates should submit their curriculum vitae and a statement of research and career goals to: Lawrence R. Stanberry, M.D., Ph.D., Division of Infectious Diseases, Department of Pediatrics, University of Cincinnati College of Medicine, Children's Hospital Research Foundation (CHRF), Elland and Bethesda Avenues, Cincinnati, OH 45229. CHRF is an Equal Opportunity/Affirmative Action Employer.

BIOCHEMISTRY FACULTY POSITION - UNIVERSITY OF WISCONSIN-MADISON

Applications are invited for an ASSISTANT PROFESSOR position in the Department of Biochemistry and the Medical/Pharmaceutical Sciences of the University of Wisconsin-Madison. Exceptional candidates at the ASSOCIATE PROFESSOR level will be considered. The successful candidate will be expected to develop a strong research program using modern biochemical approaches to study problems of nutritional interest. This position includes organizational and career development opportunities. Duties include teaching the department's graduate and undergraduate courses and the training of graduate and postdoctoral students. Applications including curriculum vitae, publication list, one-page summary of past accomplishments, and a one-page plan of future research should be sent to: H. F. DeLac, Chairman, Search Committee, Department of Biochemistry, University of Wisconsin-Madison, 420 Henry Mall, Madison, WI 53706. Applicants must also arrange for three letters of recommendation to be sent to the same address. To assure consideration, completed applications should be received by 1 October 1990. The university is an Affirmative Action/Affirmative Action Employer and encourages women, minorities, and disabled individuals to apply.

The Department of Veterinary Anatomy and Public Health at Texas A&M University invites applications and nominations for 12-month, tenure-track, fully budgeted FACULTY POSITIONS in molecular/cellular toxicology, environmental toxicology, food safety, and food safety. These positions will be expected to utilize state-of-the-art biomedical and molecular techniques and contribute to the core of a multidisciplinary research program. The research program aims at: (i) The elucidation of fundamental cellular mechanisms of toxic action/interaction of hazardous chemicals (i.e., foodborne and environmental carcinogens, mutagens, tumor promoters, reproductive toxins, etc.); (ii) the elucidation of the cellular and biochemical methods to rapidly detect these substances and detoxify/repair trans-species contaminated sources; Preference will be given to candidates who are trained in toxicology exposure to food engineering, biochemical engineering, or food safety. A Ph.D. and a minimum of 2 years of postdoc- toral training are absolute requirements. The D.V.M. degree and/or experience in a College of Veterinary Medicine is highly desirable, but not mandatory. Successful applicants will be expected to develop an independently funded research program which will significantly complement active interdisciplinary programs in molecular toxicology and genetics, bioengineering/biosciences development/biology/embryology, reproductive biology, and neurobiology. Rank and salaries are negotiable and the starting dates are open. Submit nominations and applications with a statement of research interests, curriculum vitae, and the names, addresses, and telephone numbers of at least three references to: Dr. Timothy D. Phillips, Professor, Department of Veterinary Anatomy and Physiology, Texas A&M University, College Station, TX 77843-4458 Telephone: 409-845-3517

Women and minorities are encouraged to apply. Texas A&M University is an Equal Opportunity/Affirmative Action Employer.

Biopolymers Facilities Director

The Howard Hughes Medical Institute Unit at the Harvard Medical School is seeking a qualified individual to supervise a modern biopolymers laboratory. This facility provides solutions to specific synthetic and degradative problems involving protein sequencing and peptide/nucleic acid synthesis. Ideal candidates should be experienced with various purification techniques, gas phase protein sequencing and automated nucleotide and peptide synthesizers. Emphasis will be given to those who have a demonstrated background managing such a facility.

This immediate opening represents an important service and development/research role with ample opportunity for growth. The successful candidate must be able to interact productively with a variety of colleagues on a problem solving basis.

Interested individuals should submit a curriculum vitae, a brief letter summarizing their qualifications and ask that three individuals send letters of reference. These materials should be sent to: Dr. Philip Leder, Senior Investigator, Howard Hughes Medical Institute, Department of Genetics, Harvard Medical School, 25 Shattuck Street, Boston, MA 02115.

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Howard Hughes Medical Institute

Biopolymers Facilities

The Science Recruitment "Four-Day Close"

Now you can see your ad in SCIENCE four days after submission

Scientific recruiters can now advertise positions almost as soon as the need arises. Instead of reserving space a month or more in advance, you can now place your ad four days before the magazine mailing date. SCIENCE is mailed on the cover date.

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DIRECTOR OF CHEMISTRY

Natural Product Sciences, Inc. is a rapidly growing company developing novel pharmaceutical and agrichemical products based on natural product leads. With a strong in-house research program comprising chemistry, biology, and molecular biology and major industrial partners in both pharmaceuticals and agrichemicals, Natural Product Sciences is a leader in the natural products field.

As part of the continuing expansion of its research efforts, NPS is seeking a Director of Chemistry. Applicants should have a Ph.D. in organic chemistry with expertise in natural products/bio-organic chemistry and at least 5 years of industrial experience in the area of drug or pesticide discovery and development. The successful candidate will be responsible for directing a team of B.S. and Ph.D. chemists working on the isolation, characterization, and synthesis of natural products from a variety of plant and animal sources. Applicants should have a proven record of scientific leadership and a research record of national or international stature.

Natural Product Sciences offers competitive salaries, benefits, and the opportunity for equity ownership. Our location on the western slope of the Rocky Mountains provides an unusually beautiful and livable environment in which to pursue innovative and important science.

Please send curriculum vitae and names and addresses of three references to: Director of Personnel, Natural Product Sciences, Inc., 420 Chipeta Way, University Research Park, Salt Lake City, Utah 84108. Natural Product Sciences is an equal opportunity employer.
POSITIONS OPEN

FACULTY POSITION
NUCLEAR CHEMISTRY

The Department of Chemistry at Indiana University invites applications for the tenure-track position in nuclear chemistry at the ASSISTANT PROFESSOR level for the fall of 1991. Applicants should have demonstrated outstanding potential for leading a vigorous research program in nuclear chemistry. The appointment is at a rank consistent with the assistant professor level. Research in nuclear chemistry at Indiana University is carried out at the Indiana University Cyclotron Facility (IUCF) and other user facilities. IUCF is a national accelerator laboratory which provides variable-energy, light-ion beams up to 500 MeV. A dossier including a statement of research interests, a list of publications, and three letters of reference, and a brief statement of research interests should be sent to:

Professor Paul A. Greco, Chairman Department of Chemistry Indiana University Bloomington, IN 47405

Deadline for receipt of materials is 1 October 1990. Indiana University is an Equal Opportunity/Affirmative Action Employer.

TENURE-TRACK FACULTY POSITIONS
DEPARTMENT OF BIOCHEMISTRY AND MOLECULAR BIOLOGY
A UNIVERSITY

We are interested in outstanding scientists capable of organizing, or already directing, an independent research program in the area of macromolecular interactions or genetics. Successful candidates will be expected to participate in graduate and postdoctoral training. Cooperative programs are in place with the Fidia-Georgetown Institute for Biomedical Sciences, the Lombardi Cancer Center, and NIH. Applicants should send curriculum vitae and the names of three references by 1 November 1990 to:

Dr. E. David Eisenhower, Chairman Department of Biochemistry and Molecular Biology, Georgetown University School of Medicine, 3900 Reservoir Road, NW, Washington, DC 20007. Equal Employment Opportunity.

MOLECULAR BIOLOGY
MAJOR IN VIRUSES
JUNIOR AND SENIOR FACULTY POSITIONS AVAILABLE

The Department of Microbiology and Immunology in the College of Medicine at The University of Tennessee, Memphis, invites applications for several junior and senior level, tenure-track positions focusing on the molecular analysis of significant problems in animal virology. Senior candidates should have a strong record of research accomplishment with sustained program growth and development. Junior candidates will be expected to develop a strong independent research program with long-term growth potential. Teaching responsibilities, which emphasize quality rather than quantity, include lecture and laboratory instruction. The University of Tennessee, Memphis, is well into a major growth phase. The department has recently moved into a completely renovated building and will be appointment at least five new faculty during the next several years. New faculty are also being appointed in the Departments of Anatomy, Pharmacology, and Biochemistry. A large Center of Excellence grant has resulted in establishment of a Molecular Resource Center within the department featuring state-of-the-art facilities for: oligonucleotide synthesis, peptide synthesis, monoclonal antibody production, amino acid analysis, protein sequencing, polymerase chain reaction, molecular graphics, and flow cytometry. Funds adequate to initiate research programs will be available and salaries will be highly competitive.

Applications will be received until 1 October 1990, or until the position is filled thereafter. Applications should consist of curriculum vitae, copies of several recent publications, a brief statement of future research goals, and three letters of recommendation should be sent to:

Dr. Terrance G. Cooper Department of Microbiology and Immunology The University of Tennessee, Memphis 38133 Madision Avenue, Room 200 Memphis, TN 38163

The University of Tennessee is an Affirmative Action/Equal Opportunity Employer, Section 504, Title IX.


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POSITIONS OPEN

BIOCHEMISTRY FACULTY POSITIONS
UNIVERSITY OF WISCONSIN-MADISON

The University of Wisconsin-Madison Biochemistry Department invites applications for two tenure-track ASSOCIATE PROFESSOR positions at the ASSISTANT PROFESSOR level. We are particularly interested in applications from individuals whose research emphasizes metabolism or molecular biology. We are particularly interested in applicants whose research emphasizes metabolism or molecular biology. Applicants are expected to develop vigorous independent research programs and participate in the undergraduate and graduate teaching of general and specialized biochemistry courses. Applications, including lists of publications, summaries of past work and accomplishments, and a statement of plans for future research, should be sent to:

Professor W. S. Kemp, Chairman Department of Biochemistry, University of Wisconsin-Madison, 420 Henry Mall, Madison, WI 53706. In addition, applicants should arrange for at least three letters of reference to be mailed to the same address. Applicants should state in their cover letter for which position they wish to be considered. To assure consideration, all application materials should be received by 1 October 1990. The University of Wisconsin-Madison is an Affirmative Action/Equal Opportunity Employer and encourages applications from women and minorities.

FACULTY POSITION IN NEUROBIOLOGY
NEUROSCIENCE RESEARCH CENTER
UNIVERSITY OF ALABAMA
AT BIRMINGHAM (UAB)

A tenure-track position in neurobiology is available at the ASSISTANT OR ASSOCIATE PROFESSOR level. Neurobiology faculty also receive an appointment in a basic science department, such as Cell Biology or Physiology and Biophysics. The appointment is on a 12-month basis and includes a competitive base salary and nationally competitive salary and start-up funds. The successful candidate will be expected to conduct an active research program in one or more of the following areas: (i) neuropharmacology, cell biology, and neuroendocrinology; (ii) brain research, neurogenesis, and neurodevelopment; (iii) neurodegeneration, neuroprotection, and neurocognitive; (iv) sensory systems, olfactory systems, and neurosensory; (v) major diseases of the nervous system, including Alzheimer's disease; and (vi) neuroimaging, neurobehavior, and neuroplasticity. Applicants should send curriculum vitae with a statement of research interests and have three letters of reference sent by 1 October 1990 to: Michael J. Friedlander, Ph.D., Director, Neurobiology Research Center, University of Alabama at Birmingham, Birmingham, AL 35294. UAB is an Affirmative Action/Equal Opportunity Employer.

JUNIOR FACULTY POSITION

The Department of Chemistry at Indiana University plans to make a tenure-track appointment at the ASISTANT PROFESSOR level in organic chemistry, effective fall 1991. This position will require the ability to organize and present courses at both the graduate and undergraduate levels. Potential candidates are expected to have a solid record of accomplishment in research and show promise of growth in independent programs of scholarly investigation. To apply, submit a brief biographical sketch, publication list, and a short description of ideas for the development of teaching and research programs. The appointment is expected to have a start date of September 1991 and three letters of recommendation transmitted. Deadline for applications is 1 November 1990. Please apply to:

Professor Paul A. Greco, Chairman Department of Chemistry Indiana University Bloomington, IN 47405

Indian University is an Affirmative Action/Equal Opportunity Employer.

UNIVERSITY OF WESTERN AUSTRALIA

PERTH

Program: VISITING PROFESSORIAL APPOINTMENTS (Ref. No. 90/129) Department of Anatomy and Human Biology. The first of a series of visiting professorships, to be held for periods of up to 1 year, is available from 1 January 1991. The purpose of the appointment is to provide inspiration and innovation in both research and teaching. The objective is to attract individuals to pursue their investigations in an area of the University's programs, which is outside their own field of expertise. The University, in the context of the new National Health and Medical Research Council of Australia, is committed to offering visiting professorial appointments to individuals in areas of national importance. Details of this and other appointments are available by contacting the Director, School of Biomedical Sciences, University of Western Australia, Nedlands WA 6009, Australia, by the closing date.

Salary range: S$265,182 to $279,182 per annum. Closing date: 26 October 1990.

Conditions of appointment will be specified in any offer of appointment which may be made as a result of this advertisement.

Written applications quoting reference number, telephone number, qualifications and experience, and the names, addresses, and telephone numbers of three references, should reach: Director, Personnel Services, The University of Western Australia, Nedlands WA 6009, Australia, by the closing date.

Equal Employment Opportunity is university policy.

BONUS CIRCULATION FOR YOUR CLASSIFIED AD

Our issue of 5 October 1990 will be distributed to scientists attending the upcoming meetings: IBEX (San Mateo, California, 23 to 25 October) and Exposquima (Barcelona, Spain, 5 to 8 November). Deadline for submission of line classified ads: 20 September 1990.

SCIENCE Classified Advertising Telephone: 202-326-6555 FAX: 202-682-1616

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**VETERINARIAN**

The Bristol-Myers Squibb Company, an internationally recognized pharmaceutical leader, currently has an opportunity available for a Clinical Veterinarian to work in our state-of-the-art research laboratories in Wallingford, CT.

The qualified candidate will provide veterinary care for a wide variety of animal species and assist in Quality Assurance programs that monitor the animal's health and environment. Other duties will be to manage clinical microbiology and murine serology laboratories, assist in training programs at the technical and professional levels and supervise technical staff in independent or collaborative research.

Qualifications include a VMD or DVM from an accredited veterinary medical college and postdoctoral training in Laboratory Animal Medicine or 1-3 years experience in Laboratory Animal Medicine. ACLAM board eligible candidate preferred.

Bristol-Myers Squibb offers an excellent salary and a comprehensive benefits program. For confidential consideration, please forward a resume with salary history to: Bristol-Myers Squibb, TZ, P.O. Box 5101, Wallingford, CT 06492-7661. An equal opportunity employer, M/F/H/V.

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**Pharmaceutical Research Institute**

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**RESEARCH SCIENTIST**

Progressive Urology Department, located in a 567-bed major NYC teaching hospital, is seeking a dynamic researcher to direct the routine metabolic evaluations of stone formers in addition to conducting basic science and clinical research studies. Candidate must have PhD and be able to carry on independent research and communicate well with clinicians. Applicants are invited to submit C.V. to: Aljean Smith, Empl Mgr

The LONG ISLAND COLLEGE HOSPITAL

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**DIRECTOR**

**DRUG DISCOVERY CELLULAR AND MOLECULAR IMMUNOLOGY**

SmithKline Beecham, a worldwide leader in pharmaceutical research, has a challenging opportunity for a Director to head our Immunology section within the Department of Cell Sciences. The successful candidate will be responsible for directing a research group of established immunologists whose efforts are focused on the pharmacological manipulation of immune functions with emphasis on autoimmunity and transplantation, as well as the establishment of new drug discovery efforts directed at molecular targets associated with immune disorders. In addition, the Director will provide molecular immunological expertise to: existing drug discovery programs; to other departments with overlapping interests; to project compounds undergoing preclinical and clinical evaluation; and most importantly, to management committees charged with making key research decisions. The position carries with it significant responsibility and high visibility.

We are interested in scientists with the following background: Ph.D. and/or M.D. with 5-8 years of postdoctoral experience in Molecular Immunology; industrial experience in drug discovery (highly desirable); established track record in scientific excellence as evidenced by publications and/or patents; proven managerial skills and excellent communications skills.

We offer the opportunity for growth in a scientifically intense environment structured on creativity, teamwork and commitment. For confidential consideration, please submit your C.V. to: N. Hasson, Employment Administrator, H0151, SmithKline Beecham Pharmaceuticals, P.O. Box 1539, King of Prussia, PA 19406-0539. Equal Opportunity Employer, M/F/H/V.

**SmithKline Beecham Pharmaceuticals**

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**Insect Physiologist**

FMC Corporation, a Fortune 150 leader in the field of Agricultural Chemical Research, is seeking an accomplished scientist in the area of insect physiology to join in a research effort in the discovery of novel insecticides. The successful candidate will work with a team of biochemists, biologists and chemists to develop and implement rational approaches to the discovery of insecticides.

The position requires a Ph.D in Insect Physiology or Biology, with 1-2 years post-doctoral or industry experience preferred. A broad background in physiology is desirable with expertise in one or more of the following areas: neurophysiology, insect developmental physiology, insect neuroendocrinology, insect neurophysiology on molecular entomology that can be applied to the discovery of new insecticides.

FMC offers an R&D center in a prime location, challenging work, and excellent benefits and a salary commensurate with your experience. Please forward your resume to: Steve Cugine, Dept. 90-66, FMC Corporation, Chemical R&D Center, Box 6, Princeton, NJ 08543. Equal Opportunity Employer, M/F, Females are encouraged to apply.

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**RESEARCH SCIENTIST**

PANLABS is expanding its U.S. laboratory facility. We have opportunities for a scientist with a demonstrated record of scientific innovation and independence. Applications for the following position are currently being accepted:

**Ph.D in Chemistry with experience in natural products isolation/purification and structural determination.**

PANLABS is a growing U.S. based international company that has provided R & D services to pharmaceutical companies and the fermentation industry worldwide for 20 years. Located in the high tech corridor north of Seattle, PANLABS offers competitive salaries and benefits. Please send CV with names and phone numbers of three references to:

PANLABS

Att: Human Resources Manager

11804 North Creek Parkway South Bothell, Washington 98011

AN EQUAL OPPORTUNITY EMPLOYER
**PHARMACOKINETIC REVIEWERS**

**U.S. GOVERNMENT**

**FOOD AND DRUG ADMINISTRATION**

**POSITION DESCRIPTION:** The reviewer serves as a pharmaceutical scientist in the Division of Bioequivalence of the Food and Drug Administration, located in Rockville, Maryland. Responsibilities include the review of pharmacokinetic/bioavailability data received from the pharmaceutical industry as part of Investigational New Drug (IND), Abbreviated New Drug Application (ANDA) submissions. As an ongoing part of the review, a determination is made by the reviewer, as to the acceptability of the data submission. These recommendations have a direct impact on the quantity and quality of drug products reaching the U.S. consumer and on the direction and depth of research efforts by the pharmaceutical industry.

**HIGHLY DESIRABLE:** Ph.D. in pharmacokinetics/biopharmaceutics or Pharm.D. with pharmacokinetic training/experience; thorough knowledge of pharmacokinetics, biopharmaceutics, analytical methods and statistics. U.S. Residency, though not citizenship, required.

**RANGES:** GS-12 $55,825–$64,571
GS-13 $52,601–$55,381

Commission in the U.S. Public Health Service, and commensurate pay scale may also be possible.

**Positions Available:** Positions are available immediately. These positions may either be as scientific fellows or permanent positions.

**Applications:** Submit current curriculum vitae or U.S. Government application form (SF-171) to:

Food and Drug Administration
Center for Drug Evaluation and Research
5600 Fishers Lane, Room 15-22
Rockville, Maryland 20857
Attention: Rhonda S. Alderman
Telephone: 301-443-0553

**AN EQUAL OPPORTUNITY EMPLOYER**

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**BIOPROCESS MICROBIOLOGIST**

Merck Chemical Manufacturing Division has a challenging opportunity available for a Bioprocess Microbiologist in its Biotechnology laboratories.

Responsibilities will include:

- Identifying and developing microorganisms and enzymes for bioprocessing applications.
- Developing process schemes encompassing organic and biochemical steps.
- Optimizing fermentation conditions in present and future production operations.
- Conducting experimental programs at the bench and pilot-plant scale to support bioprocess development.

The successful candidate must have a PhD in Microbiology with 0-3 years of postdoctoral or related experience. A strong background in microbial physiology, genetic and molecular biology is required. Experience in strain improvement, protein engineering, fermentation optimization, organic chemistry, and statistical methods is highly desirable. A demonstrated interest in gaining project management experience is valuable. Excellent communications skills and the ability to work independently are essential.

Located in the Shenandoah Valley, the Biotechnology laboratories are closely associated with large-scale bioprocessing facilities of Merck's Stonewall Plant in Elkton, Virginia.

Interested candidates should submit their resumes with the names of three references and salary requirements to Mr. J. Stephen Harris, Merck & Co., Inc., P.O. Box 7, Elkton, VA 22827. Merck & Co. is an Equal Opportunity Employer.

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**Vice President for Research**

The Ohio State University
Columbus, Ohio

The Ohio State University invites nominations and applications for the position of Vice President for Research. The Vice President will report directly to the newly appointed President and work closely with the Vice President for Academic Affairs/Provost and the Dean of the Graduate School to stimulate and facilitate research and scholarship at the University. This individual will play a key role in the growth of research activities at the University.

Strong leadership skills, creativity, and innovation will be required to develop University research strategies emphasizing interdisciplinary and interinstitutional programs as well as collaborative projects with the private sector. Candidates should have a record of outstanding achievement in research, demonstrated administrative ability, a commitment to education through research, and experience in grant and contract activities with governmental agencies, private foundations, and industry. The University seeks a candidate who understands the comprehensive scope and mission of a large, land grant institution and the role of university research in formulating national science strategies.

The Ohio State University is located on a 3250-acre campus in Columbus with five regional campuses. There are approximately 59,000 students on the main campus in 19 colleges, 7 schools, the Graduate School, and a complex of health and medical sciences. The University is among the top 25 universities in the nation in total expenditures for research and has a number of nationally and internationally recognized facilities and centers spanning a broad spectrum of research activities.

To assure full consideration, applications and nominations should be received by October 8, 1990. The Search Committee will begin screening dossiers on that date and will continue to review applications until the Vice President is selected.

Applications and nominations should be addressed to:

Search for Vice President for Research
c/o Office of the President
The Ohio State University
205 Bricker Hall
190 North Oval Mall
Columbus, OH 43210

The Ohio State University is an Equal Opportunity, Affirmative Action Employer. Women and minorities are encouraged to apply.
**Senior R&D Scientist**

Becton Dickinson, internationally renowned in healthcare, is seeking a dynamic, creative scientist to strengthen our impact in the global immunodiagnostic market.

The successful candidate will focus on development of Folate and B12 assays for automated immunochemistry systems. PhD plus one year's experience, or MS plus 3 years' experience, or BS plus 5 years' experience required. Background must include serum/plasma based immunoassay development from feasibility to manufacturing, 510(k) documentation, as well as protein conjugation and characterization.

We offer a competitive salary, comprehensive benefits and all opportunities for growth commensurate with being a leader in our field. For prompt, confidential consideration, send resume with salary history to: Human Resources, Becton Dickinson and Company Advanced Diagnostics Division, 225 International Circle, 2nd Floor, Cockeysville, MD 21030. An equal opportunity employer/affirmative action employer.

Superior quality is the only way

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ARRIS Pharmaceutical is really getting noticed. And small wonder. ARRIS is an aggressive new company with the science, technology and financial backing needed to bring innovative drugs from the lab to the market. (See Science, August 17, 1990, Page 733-734.) So do your research. And then continue your research at ARRIS.

**Scientists**

We are hiring Computational Chemists, Molecular and Cell Biologists, Enzymologists, Peptide Chemists, and Medical or Synthetic Organic Chemists to work in our fully equipped, modern laboratory facilities. These positions require a PhD or MD and post-doctoral experience. Send your resume to Michael J. Ross, ARRIS Pharmaceutical Corporation, P.O. Box 2603, South San Francisco, CA 94080-2603. An Equal Opportunity Employer.

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**Postdoctoral Position Developmental Biology**

As a developmental molecular and cellular biologist, you'll study the genetic regulation of nephrogenesis and tumorgenesis, capitalizing on recent advances in Wilms' tumour research. Experience in animal cell culture and molecular biology is essential.

Send your curriculum vitae and letters of reference to: Dr. Herman Yeger, Department of Pathology, The Hospital for Sick Children, 555 University Avenue, Toronto, Ontario, Canada M5G 1X8.

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**ORGANIC CHEMISTS**

Technicon Instruments Corporation, a dynamic leader in the field of automated analytical instrumentation, has immediate openings for Organic Chemists.

We are seeking individuals with a BS/MS in Chemistry and 2-4 years experience in synthesis, instrumental analysis, and wet chemistry to support reagent development for immunology systems.

These excellent career opportunities offer a wide range of benefits and competitive salaries. For consideration please send resume to:

Manager, Human Resources - R&D

TECHNICON INSTRUMENTS CORPORATION

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TARRYTOWN, NY 10591

**THE HOSPITAL FOR SICK CHILDREN**

An Equal Opportunity Employer M/F/H/V
A postdoctoral position is immediately available for study of the biochemical and drug-binding characteristics of P-glycoprotein in multidrug-resistant tumors. Experience in cell line propagation, traditional and hybridoma technology required. Send curriculum vitae and addresses of three references to: Dr. J. I. Wiseman, Department of Biochemistry, Albert Einstein College of Medicine, 1300 Morris Park Avenue, Bronx, N.Y. 10461. Equal Opportunity Employer.

**POSTDOCTORAL POSITION**

Department of Biochemistry, University of Wisconsin–Madison

A postdoctoral position is available in the Department of Biochemistry at the University of Wisconsin–Madison for study of the molecular biology of the brucella. Send curriculum vitae and references to: Dr. W. J. Mathias, Department of Biochemistry, University of Wisconsin, Madison, WI 53706. Applications are invited from qualified candidates with a Ph.D. in biochemistry. The University of Wisconsin is an Equal Opportunity/Affirmative Action Employer and encourages women and minorities to apply.

**POSTDOCTORAL ASSOCIATE**

To carry out research on chemosensory signal transduction and to teach one advanced laboratory per year to a small group of advanced undergraduates with assistance from a postdoctoral fellow. Research: Research on signal transduction, cell adhesion, and the role of protein tyrosine kinases. Applications are invited from qualified candidates with a Ph.D. in biochemistry or related fields. Send curriculum vitae and references to: Dr. J. D. Van Houten, University of Vermont, Department of Zoology, Burlington, VT 05405.

**POSTDOCTORAL TRAINEESHIP**

Molecular Biology and Immunology

A position is available immediately in a multidisciplinary NIH-funded research training program to study the molecular mechanisms of protein degradation and phosphorylation. Experience in biochemistry, cell biology, and molecular biology is required. Send curriculum vitae and names of three references to: Dr. W. M. Hwang, The University of Chicago, Chicago, IL 60637. Equal Opportunity Employer.

**POSTDOCTORAL FELLOWSHIP**

Field: Protein–glycolipid interactions and endotoxins. Immediately available (2 years). Research on the role of bacterial endotoxins and stroma-free hemoglobin (SFH), with emphasis on stoichiometric composition, protein conformation changes, detoxification of SFH and SFH in vivo, and the biologic activity of endotoxin. Send curriculum vitae and names of three references to: Prof. S. C. Smith, Department of Medicine, University of California, San Francisco (UCSF), and VA Medical Center (113A), 4150 Clement Street, San Francisco, CA 94121. Equal Opportunity Employer.

**POSTDOCTORAL RESEARCH ASSOCIATE**

Department of Pharmacology, Cornell University. A position is available to participate in any of a number of ongoing studies involving molecular biology, protein chemistry, or immunology. The University of Wisconsin is an Equal Opportunity/Affirmative Action Employer.

**POSTDOCTORAL RESEARCH ASSOCIATE**

Immunology and the role of protein tyrosine activation to acidic residues at an enzyme-active site. Candidates for a position in this project should have research experience with publications on protein structure, molecular biology, or immunology. For recent published work by the group, see J. Biol. Chem. 264, 66 (1989); 268, 2740 (1983); 269, 5759 (1990); and Biochemistry 29, 1290, 4545, and 6428 (1990). Training will be provided in directed mutagenesis and in obtaining rate constants for ligand binding and release, interconversion of conformers, and catalysis. Methods for the study of transient state kinetics as well as steady-state kinetics will be included. Results will be interpreted with aid of computer graphics. Starting salary is $22,000 or higher depending on experience. To apply, send curriculum vitae and three references to: Dr. R. L. Blakely, Department of Biochemical and Clinical Pharmacology, 743 Children's Research Hospital, 332 North Lauderdale, Memphis, TN 38101. An Equal Opportunity/Affirmative Action Employer.

**RESEARCH ASSOCIATE**

University of Minnesota. A postdoctoral position is available immediately in the area of molecular biology, biochemistry, and cancer research. Experience is required in in vitro transcription, DNA repair mechanisms, receptors, and cellular transduction systems. Send curriculum vitae, statement on training interests, if known, and three letters of recommendation to: Dr. G. P. Litwak, Department of Chemistry, University of Minnesota, Minneapolis, MN 55415. Equal Opportunity Employer.
SENIOR and ASST. RESEARCH SCIENTISTS
Molecular Biology

Merck Sharp & Dohme Research Laboratories has immediate openings for Senior and Assistant Research Molecular Biologists in the Department of Molecular Immunology. Senior candidates must have a Ph.D., M.D. or equivalent with a minimum of two years postdoctoral experience in molecular biology and the ability to conduct independent research in one of the following areas:

(1) Signal transduction mechanisms involved in the activation of eukaryotic cells (specifically lymphocytes and monocytes), with an emphasis on cellular oncogene homologues such as G-protein interactions or specific kinases and phosphatases.

(2) Development of transgenic mouse models of immune and inflammatory diseases by gene "knock-out" or replacement using homologous recombination in embryonic stem cells. This position will involve interactions with scientists from our transgenic animal experimentation group. State-of-the-art micro-injection and animal facilities are available.

Individuals will be expected to perform and supervise a broad range of molecular biological and biochemical techniques which include gene transfer and expression, RNA & DNA hybridizations, genomic and/or cDNA cloning, PCR analysis, site specific mutagenesis, DNA sequencing and cell culture. Good oral and writing communication skills are essential. Publications in primary scientific journals are important.

We are also seeking an Assistant Research Molecular Biologist to aid in defining the roles of specific genes in the pathogenesis of immune and inflammatory diseases. Preferred candidates will have a B.S., M.S. or equivalent degree in Molecular Biology or a related field and a minimum of two years laboratory research experience. Individuals will be expected to perform a broad range of molecular biological and biochemical techniques including: RNA and DNA hybridizations, genomic and/or cDNA cloning, PCR analysis, site specific mutagenesis, DNA sequencing, cell culture, gene transfer and expression. Good communication skills are important.

Merck Sharp & Dohme Research Laboratories is located in Rahway, New Jersey approximately 25 miles from New York City. Our salaries, benefits and growth potential are excellent. Applicants should respond to AD#500. Interested individuals are encouraged to send their resumes and the names of three references to:

Ms. Susan Glinka
Merck Sharp & Dohme Research Laboratories
P.O. Box 2000, R80M-1L1
Rahway, NJ 07065
Attn: AD#500

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CIBA-GEIGY Corporation is a $4 billion leader long recognized for innovation in pharmaceuticals, chemicals and agricultural products. Our Pharmaceutical Division is currently seeking a Scientist for a position in the Advanced Drug Delivery Group in Ardsley, NY.

This position will encompass in vitro studies of drug absorption across physiological membranes and in vivo pharmacokinetic studies in animals. In addition, applicants should have the ability to analyze samples using HPLC, RIA and other techniques, maintain accurate records and prepare oral and written reports.

Candidates should have a BS or MS in Physiology, Biochemistry, Pharmacology or Chemistry and 2-5 years relevant experience in absorption studies including acute and chronic vessel cannulation.

CIBA-GEIGY Corporation offers excellent opportunity for continued professional development, a very competitive salary and full range of company-paid benefits. Candidates should send their resume with salary history to: V. Senatore, CIBA-GEIGY Corporation, Dept. 5-824, 444 Saw Mill River Road, Ardsley, New York 10502-2699. We are an equal opportunity employer M/F/H/V.

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POSTDOCTORAL POSITION

Position available for an individual with a Ph.D. in cell biology, biochemistry, or physiology with experience in cell culture. The successful applicant will be involved in research into the molecular mechanisms through which physical forces, generated during cellular deformation, influence cellular biochemistry. Research will focus on the cellular structures involved in regulation of mechanically-sensitive adenylate cyclase and Na+/H+ antipporter activities during cell volume expansion and compression, as well as during cell spreading following extracellular matrix attachment.

Competitive salary and fringe benefits are available. Please send CV and three names or letters of reference to:

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Weis Center for Research
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Danville, PA 17822

Equal Opportunity Employer M/F/H/V

Monsanto's Corporate Research Cellular Oncology group is seeking to fill two postdoctoral positions. One is for a recent Ph.D. in biochemistry/cell biology and the other is for a Ph.D. molecular biologist/cell biologist. The individuals will work on a team conducting basic research on the roles of tumor cell derived factors in tumorigenesis and metastasis. These positions require individuals with experience in cell culture as well as proteins purification and/or molecular biology. These will be highly interactive positions requiring effective communication and organizational skills.

For consideration, send resume and letters of reference to: Ms. Tammy Skeetton, Supervisor, Human Resources, Mail Zone O2H, Monsanto Company, 800 North Lindbergh Boulevard, St. Louis, Missouri 63167. Monsanto is an Equal Opportunity Employer M/F/H/V.

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We are looking for immunologists with background in one or more of the following fields: functional assays of T-cell subsets, effects of lymphokines on lymphoid cell subsets and vaccine development. Research projects will explore the use of the intracellular expression of antigens to stimulate immune responses.

MOLECULAR BIOLOGY
We are seeking molecular biologists with experience in construction and development of eukaryotic expression vectors, and isolation and characterization of tissue specific transcriptional and translational elements. Research will be aimed at optimizing expression in muscle, fibroblastic and lymphoid cells.

PHARMACOLOGY
We are looking for a pharmacologist with background in hormone research and pharmacokinetics. Research will center on developing systems to demonstrate the utility of gene delivery for the expression of biologically active polypeptides with specific applications to hormones and the treatment of genetic diseases.

CELL BIOLOGY
We seek a person with a broad background in cellular biology, experience in tissue sectioning, immunohistochemistry and cell transfection. Main research projects will be to study the delivery of macromolecules to tissue culture cells and to animal tissues in vivo.

We also have openings for people at the technical level with experience in one or more of the following fields: plasmid construction, plasmid growth and purification, immunoassays, cell culture and synthetic lipid chemistry.

VICAL rewards your efforts with excellent benefits. Salary and equity commensurate with experience. For immediate consideration, please send resume to: Human Resources, VICAL Inc., 5373 Towne Centre Dr., Suite 100, San Diego, CA 92121.

POSITIONS OPEN

POSTDOCTORAL RESEARCH ASSOCIATE
Position available beginning immediately to study the role of opioid peptides in hypopregnanon in rat models using in vivo and isolated tissue cardiovascular and biochemical techniques. Recent Ph.D. in pharmacology or related discipline with experience in hormone assay and radio logic binding techniques preferred. One-year appointment renewable for second year. Salary: $19,000 annually plus fringe benefits. Federal law requires proper documentation of identity and employability at the time of employment. Send curriculum vitae and three letters of recommendation to: Dr. Armin Ingenito, Department of Pharmacology, School of Medicine, East Carolina University, Greenville, NC 27858. Affirmative Action/Equal Opportunity Employer.

RESEARCH ASSOCIATE IN MOLECULAR VIROLOGY
The Infectious Disease Division, Department of Medicine, Jefferson Medical College, Philadelphia, Pennsylvania, invites applications for the above position. Candidates require doctorate and experience in molecular virology. Laboratory to be developed will focus on molecular retrovirology. Position immediately available. Faculty rank to be determined by credentials. Forward curriculum vitae and references to: Dr. Roger J. Pomerantz, Director, Division of Infectious Diseases, Department of Medicine, Jefferson Medical College, 1025 Walnut Street, Philadelphia, PA 19107. Affirmative Action/Equal Opportunity Employer.

POSTGRADUATE RESEARCH, ENVIRONMENTAL PROTECTION AGENCY (EPA)
Positions available in environmental or chemical engineering at Risk Reduction Engineering Laboratory in Cincinnati, Ohio, and Experimental Research Laboratory in Aiken, South Carolina. EPA will support doctoral candidates in the development of new methods of manages municipal wastewater systems, and can also serve as an opportunity for the trained individual to participate in the investigation of other environmental problems. Forward curriculum vitae and list of references to: Dr. Robert A. Pacheco, EPA, Environmental Protection Agency, Research Triangle Park, North Carolina 27709. Closing date May 15, 1979. Affirmative Action/Equal Opportunity Employer.

POSITIONS OPEN

RESEARCH ASSOCIATE (POSTDOCTORAL)
Position available immediately in group characterizing the response of normal cell lung cancer to glucocorticoids. Experience in RNA and protein, molecular and cellular biologic techniques, and tissue culture preferred. Send curriculum vitae and names of three references to Dr. Beatrice M. Ryzewski, Center for Cancer Research and Education, University of Illinois College of Medicine at Chicago, 840 South Wood Street (MC 820), Chicago, Illinois 60612. The University of Illinois is an Equal Opportunity/Affirmative Action Employer.

RESEARCH ENTOUMOLOGIST, DEPARTMENT OF AGRICULTURE (USDA) FOREST SERVICE
The Southern Forest Experiment Station is seeking a permanent project leader and research entomologist in the area of forest biology and control of forest insects. We are interested in candidates with research experience in insect population dynamics, natural enemies, and/or forest insect control. The position is aimed at enhancing understanding of southern pine beetle population dynamics and to assess technical feasibility of developing southern pine beetle biological control programs. Qualifications: Ph.D. or equivalent in entomology or related field. For questions on position location, contact: Dr. Jane Hayes, 318-473-7233. Application requirements: Application postmark deadline: 21 September 1990.

NEUROBIOLOGY
Two staff research SCIENTISTS required, a Ph.D. or an M.D., to conduct research in molecular neurobiology at the New Jersey Regional Research Institute. The investigator will study the role of proteases in neurodegenerative disease, and will work in close collaboration with the molecular geneticists in the neuromuscular disease laboratory. Responsibilities include designing and implementing experiments to determine the role of proteases in the disease process. Experience in tissue culture techniques, is required. Hours: 8 a.m. to 5 p.m., Monday through Friday. Salary: $25,000 to $40,000 per year, depending on qualifications. Send letter of application, curriculum vitae, and names of three references to: Dr. Robert Simon, Cephalon, Inc., 145 Brandywine Parkway, West Chester, PA 19380.

LABORATORY RESEARCH SPECIALIST
Needed for molecular, genetic, and developmental biology experiments. Salary: $16,328 to $23,566 per year. Require bachelor's degree in biological science plus 2 years of experience or master's degree in biology and ability to perform experiments with recombinant DNA methods, DNA sequencing, microscopy, and electrophoresis as well as all basic methods and instruments common to molecular/microbiology. Employer is an Equal Opportunity/Affirmative Action Employer. Job Order No. 39536238. Contact: Utah Job Service, 1234 South Main Street, P.O. Box 11750, Salt Lake City, UT 84147.

CELLULAR IMMUNOLOGISTS/STAFF SCIENTISTS
Applications are invited for entry level tenure-track staff scientist positions located in cellular immunology at The Wadsworth Center for Laboratories and Research, New York State Department of Health, Albany, available fall/winter 1990–1991. The center is particularly interested in candidates working in the areas of lymphocyte activation, interaction, and/or regulation. Successful candidates will be expected to possess a broad knowledge of immunology and to develop a strong independent basic research program. Participation in immunology graduate programs at the State University of New York, Albany, in the area immunology is strongly encouraged. Candidates must possess a Ph.D. or equivalent degree and have at least 3 years of postdoctoral experience. Send curriculum vitae, a statement of current and future research interests, and the names, addresses, and telephone numbers of three references by 1 November 1990 to: Dr. Donal Murphy, Chairman, Immunology Search Committee, P.O. Box 509, Albany, NY 12201–0509. The Wadsworth Center is a multidisciplinary basic research and public health center devoted to the study of disease, disability, and in an Equal Opportunity/Affirmative Action Employer.

PERSONNEL PLACEMENT ADS in our line classified columns can be boxed for higher visibility. Call SCIENCE at 202-326-6858 for details.

SCIENCE, VOL. 249
National Institutes of Health  
National Institute of Environmental Health Sciences  
Laboratory of Molecular and Integrative Neuroscience  

**Staff Fellow**  
(Having less than 3 years professional research experience)  
Salary Range: $24,000 - $41,795 per year

**Senior Staff Fellow**  
(Having 3-7 years professional research experience)  
Salary Range: $28,000 - $46,861 per year

The Neuropharmacology Section is seeking an individual to participate in ongoing studies on the regulation of neuropeptides and neurotransmitters in neural systems. The focus of the studies is on the molecular mechanisms regulating the expression of genes encoding opioid peptides and catecholamine synthesizing enzymes. The candidate should have a Ph.D. and strong experience in neuropharmacology, neurochemistry or molecular biology. The candidate must have a record of demonstrated research productivity and the ability to carry out independent as well as collaborative research. For detailed information, please call Dr. J.S. Hong at (919) 541-2358. Salary commensurate with candidate's qualifications and experience. Send curriculum vitae, bibliography and three recommendation letters to:

Mr. Bruce Wiggins (Code: HNV18)  
NIEHS Personnel Office  
P.O. Box 12233 (MD 1-01)  
Research Triangle Park, NC 27709

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Women and Minorities are encouraged to apply.

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The University of Sydney  
AUSTRALIA

**RESEARCH FELLOW IN NMR SPECTROSCOPY**  
Department of Cancer Medicine  
Reference No. 28/04

Applications are invited from enthusiastic scientists to join a multidisciplinary team utilising magnetic resonance spectroscopy to study the role of membrane lipids in tumour biology. This is part of an international program which includes scientists and clinicians from the EEC and other Commonwealth countries.

Applicants should be familiar with Bruker equipment. Preference will be given to applicants with expertise in organic chemistry since verification of NMR assignments by chemical methods is required.

Successful applicants will be offered a one year contract in the first instance with probable renewal.

The department is well equipped with: a wide bore 360 MHz NMR spectrometer with microimaging facility, ultracentrifuge, HPLC, GC, etc. Tumour and cell models to be studied are established in the laboratory with well qualified staff working in this aspect of the program.

For further information write to Dr Carolyn Mountford or phone (+61) 692-36755, fax (+612) 692-4105.

Salary: A$33,163-$A43,096 per annum.


Method of Application: Applications, quoting reference no., including curriculum vitae, list of publications and the names, addresses and FAX numbers of three referees, to the Registrar, Staff Office, University of Sydney, N.S.W. 2006, Australia by the above date.

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We are looking for a Ph.D. biologist/biochemist with at least two years of postdoctoral expertise in a related field.

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Gaithersburg, MD 20879  
(301) 590-1508  

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VIRIOLOGIST

The Yerkes Regional Primate Research Center and Department of Pathology, Emory University, have an opening for a virologist with experience in retrovirus research. Candidates should have a Ph.D., D.V.M., M.D., or equivalent and should have sufficient research experience to demonstrate their ability to establish an independent research program in areas related to the pathogenesis of AIDS and related retroviruses in animal models. The successful candidate will also participate in ongoing clinical, immunological, and pathological studies with the simian immunodeficiency virus. Salary is negotiable and is commensurate with experience. The position is available immediately. Letters of application including curriculum vitae, a brief statement of research interests, and the names of three references, should be sent to: Dr. Harold McClure, Associate Director, Yerkes Primate Research Center, Emory University, Atlanta, GA 30322. Emory University is an Equal Opportunity/Affirmative Action Employer.

MEETINGS

ADVANCES IN CHEMOTHERAPY OF AIDS-II 13–14 September 1990

Symposium on recent advances in basic research on development of novel drugs and pharmacologic approaches against AIDS. Details and application forms: Department of Pharmacology, University of Alabama at Birmingham, University Station Box 600, Birmingham, AL 35294. Telephone: 205-934-4578 or 205-934-4584. FAX: 205-934-8240.

ASCORBIC ACID: BIOLOGICAL FUNCTIONS AND RELATION TO CANCER 10 TO 12 SEPTEMBER 1990 AT NIH


ANNOUNCEMENTS

NATIONAL GLAUCOMA RESEARCH

Grant applications for NATIONAL GLAUCOMA RESEARCH will be accepted for 1 year, $25,000 maximum, renewable. The deadline date for submission of applications is 30 November 1990. Write to: American Health Assistance Foundation Research Grants Department 15825 Shady Grove Road, Suite 140 Rockville, MD 20850

CORONARY HEART DISEASE RESEARCH

Grant applications for starter grants for CORONARY HEART DISEASE RESEARCH will be accepted for 1 year with a limit of $15,000 (renewable). The deadline date for submission of applications is 30 November 1990. Write to: American Health Assistance Foundation Research Grants Department 15825 Shady Grove Road, Suite 140 Rockville, MD 20850

ANNOUNCEMENTS

WORKSHOP ON GENERAL POPULATION EXPOSURES TO GASOLINE

Sponsored by the American Petroleum Institute, U.S. Environmental Protection Agency, Motor Vehicle Manufacturers Association, Northeast States for Coordinated Air Use Management (NESCAUM), National Petroleum Refiners Association, Western States Petroleum Association, Health Effects Institute (HEI), and the Canadian Petroleum Products Institute (CPPPI). CALL FOR DATA CALL FOR PAPERS

There is increasing debate among public health officials about exposure to gasoline. A 2 1/2-day workshop planned for 12 to 14 December 1990 in Annapolis, Maryland, to facilitate discussion among scientists, managers, and policymakers in the public and private sectors about the overall health risks posed by gasoline emissions. The workshop will take place at the Drury Inn, Annapolis, Maryland, and will follow the workshop agenda. Registration: $250 (special rate of $125 for EPA employees). For further information contact: Dr. K. L. Hulebuck, Exxon International Corporation, 4350 North Fairfax Drive, Arlington, VA 22203. Telephone: 703-516-2300. FAX: 703-516-2345.

SITUATIONS WANTED


IMMUNOLOGIST, Ph.D. Tenured associate professor in medical school wishes to change career into industry. Experience: many areas of immunology. Box 90, SCIENCE.

MOLECULAR BIOTECHNOLOGIST, M.S. Strong practical experience in molecular biology. Seeks technical sales/marketing or C.R.A. position, pharmaceutical/biotechnology firm. Will relocate. Box 93, SCIENCE.


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SCIENCE, VOL. 249
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All of which means you can make quality assured primers for same day use. Or overnight. Ready to use next morning. For the first time, you've got a choice. And for the first time, you'll be getting the fastest, easiest and most dependable DNA synthesizer in the world. To find out why, just call us. For more information regarding Gene Assembler Plus and PC primers, call toll free 1-800-678-1592.

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**Western**

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