PERSONNEL PLACEMENT

POSITIONS OPEN

ASSISTANT PROFESSOR, BIOLOGY DEPARTMENT

Anticipated tenure-track position beginning July 1991 for a biologist with strong interests in teaching and research. Ability to teach a range of courses including general biology major, minor, pre-medical, and community education. Ph.D. required. Salary is competitive. Start date is negotiable. For further information, contact:

William Collie, Baptist College of Med., Birmingham, AL 35229.

ASSISTANT PROFESSORS, NEUROSCIENCES
CASE WESTERN RESERVE UNIVERSITY

The Department of Neurosciences at Case Western Reserve University School of Medicine has two tenure-track positions available. Candidates should have at least two years of postdoctoral research experience and be ready to start their own independent research program. Salary and benefits will be commensurate with research experience and qualifications. Applicants should have a Ph.D. in a relevant discipline. Start date is negotiable. For further information, contact:

Professor of Neurosciences, Case School of Medicine, 10900 Euclid Ave., Cleveland, OH 44106.

ORGANIC CHEMIST, PHYSICAL CHEMIST

The Chemistry Department of Williams College invites applications for two positions anticipated at the ASST. PROFESSOR level in 1991. The successful applicants will be expected to develop a research program and to teach general and organic chemistry. A Ph.D. is required. For further information, contact:

George T. Smith, Chair, Department of Chemistry, Williams College, Williamstown, MA 01267.

ASSISTANT PROFESSOR, Vertebrate Biology

Tenure-track position available starting September 1991. Hollins College, a private women's college in Roanoke, VA, seeks a vertebrate biologist to teach undergraduate courses in general biology, comparative anatomy, and histology. Salary is competitive and EM is highly desirable. A Ph.D. is required. For further information, contact:

Dr. Dorothy B. Buhler, Chair, Department of Biology, Hollins College, Roanoke, VA 24014.

ASSISTANT PROFESSOR, ANATOMY

Full-time, tenure-track, or long-term contract. The Department of Basic Sciences, College of Podiatric Medicine, seeks a Ph.D. or M.D. to coordinate and teach a course in human gross anatomy. Applicants must have demonstrated teaching experience commensurate with experience. Range: $37,000 to $43,000. A complete curriculum vitae and the names of three references should be sent before January 15 to: Dr. Barbara M. Kri, Ph.D., Department of Basic Sciences, California College of Podiatric Medicine, 1210 Scott Street, San Francisco, CA 94115. An Affirmative Action/Equal Opportunity Employer.

Washington University, Department of Anthropology, invites applications for a tenure-track ASSISTANT PROFESSOR position, appointment beginning fall 1991. Speciality is open but preference will be given to the candidate with an understanding of the history of missionary activity in northern China. Ph.D. required. Salary is competitive and includes a full benefits package. Send curriculum vitae and names of referees to: Chair, Department of Anthropology, Box 1114, Washington University, One Brookings Drive, St. Louis, MO 63130.

ASSISTANT PROFESSOR, BIOLOGY

Applications are invited for two tenure-track positions. The successful applicant will have a Ph.D. in a relevant discipline in cell/biochemical biology or biochemistry. Teaching responsibilities will include introductory cell biology courses. Exper- ise is required. Send resume, transcripts, publica- 1907.

SCHOLARSHIPS:

A $2,000 dollar scholarship is available for a full-time student in the department of biology at the University of California, Berkeley. Deadline for application is June 15. For further information, contact:

Professor David S. Goodsell, Department of Biology, University of California, Berkeley, CA 94720.

ASSISTANT PROFESSOR, CHEMISTRY

The Department of Chemistry and Physics at Mills College invites applications for a tenure-track position beginning July 1991. Ph.D. required. Salary is competitive. For further information, contact:

Dr. C. K. Y. Tang, Chair, Department of Chemistry, Mills College, 5000 MacArthur Blvd., Oakland, CA 94613.

ASSISTANT PROFESSOR, PHYSICS

Full-time, tenure-track, or long-term contract. The Department of Physics, College of Podiatric Medicine, seeks a Ph.D. to coordinate and teach a course in human gross anatomy. Range: $37,000 to $43,000. A complete curriculum vitae and the names of three references should be sent before January 15 to: Dr. Barbara M. Kri, Ph.D., Department of Basic Sciences, California College of Podiatric Medicine, 1210 Scott Street, San Francisco, CA 94115. An Affirmative Action/Equal Opportunity Employer.
POSITIONS OPEN

ASSISTANT PROFESSOR OF BIOLOGY. The Department of Biology invites applications for three positions. Applicants should preferably have a Ph.D. in any area in eukaryotic microbiology, comparative physiologist, and cell biologist (EM experience). Ph.D. required, postdoctoral research experience preferred. Undergradu- ate teaching and/or research experience, in an M.S. program are expected. Application reviews begin 1 January 1991 until positions are filled. Send application and three references to: Office of Academic Affairs, Biology Search, Western Kentucky University, Bowling Green, KY 42101. Women and minorities are encouraged to apply. An Affirmative Action/Equal Opportunity Employer.

MOLECULAR BIOLOGIST. Tenure-track AS- SISTANT PROFESSOR. Preferably with postdoctoral experience, with primary teaching responsibility in mol- ecular biology and interest in genetics and development. Expectation to participate in the college's interdisciplinary programs, direct undergraduate research in the college's independent study program, and establish an active personal research program. Women and minorities are especially encouraged to apply. Send application, including transcript and three letters of reference, to: J. E. Perley, Department of Biology, Wooster College, Wooster, OH 44691, no later than 30 November 1990. The College of Wooster is an independent liberal arts institution with a commitment to excellence in undergraduate education. Affirmative Action/Equal Opportunity Employer.

ASSISTANT PROFESSOR OF MEDICINAL CHEMISTRY THE UNIVERSITY OF TEXAS

The Division of Medicinal and Natural Products Chemistry of the College of Pharmacy at the University of Texas at Austin invites applications for a tenure-track position at the ASSISTANT PROFESSOR level, to be filled by September 1991. Applications from individuals with appropriate background in any of the research areas associated with modern medicinal/bioorganic chemistry are encouraged. The selected candidate will be expected to show potential for developing a rigorous research program. Participation in undergraduate medic- inal chemistry courses and development of graduate courses in the area(s) of research expertise is expected. A Ph.D. with postdoctoral experience is required, and a background in pharmacy is desirable. Send resume, a summary of research plans, and the names of three references to: Professor Patrick J. Davis, Head, Divi- sion of Medicinal and Natural Products Chemistry, College of Pharmacy, The University of Texas at Austin, 7301 Wallace Street, Austin, TX 78712. Applications are due 15 December 1990. The University of Texas is an Equal Opportunity/Affirmative Action Employer.

GENETICIST/CLEAN BIOL OLOGIST

Geneticist/cell biologist studying cellular or develop- mental phenomena in a eukaryotic system. The Biology Department of Boston College has a full-time, tenure- track position available at the ASSISTANT PROFES- SOR level beginning in September 1991 for an individ- ual with a Ph.D. and at least 2 years of postdoctoral experience to establish a vigorous, externally funded research program. In addition to teaching in his/her area of expertise, the candidate will be expected to contribute to departmental teaching needs in a number of other areas, such as genetics, cell biology, history of biology, immunology, virology, or developmental biology. Boston College, a university of 14,500 students, has a growing graduate program with 20 faculty members and 45 graduate students in the M.S. and Ph.D. pro- grams. The university has a strong commitment to research. Financial support is available. Applicants should include curriculum vita, a list of publications, and a summary of current and future research plans. Applications should be addressed to Dr. Lawrence Prisco, Chair, Department of Biology, Boston College, Chestnut Hill, MA 02167. Equal Opportunity/Affirmative Action Employer.

POSITIONS OPEN

ASSISTANT PROFESSOR OF NEUROLOGY (NEUROPHYSIOLOGY). We are searching for an exciting and energetic individual to develop a research program on voltage and ligand-gated channels in glial cells and precursors. Incumbent will interact with inves- tigators studying morphological, molecular aspects of neuronal/glial migration, and pharmacology of glial cells. Experience with whole-cell and single-channel patch-clamp, preferably of glial cells, essential. Excellent patch-clamp laboratory is avail- able for new faculty. Send curriculum vitae and three letters of reference to: Dr. Bruce Ransom, M.D., Ph.D., Department of Neurology, LCI 712, Yale Medical School, New Haven, CT 06510. Applications will be considered until 1 July 1990. Affirmative Action/Equal Opportunity Employer.

ASSISTANT PROFESSOR

The Biology Department at Wheaton College an- nounces an opening at the rank of assistant professor. The position is full-time, with an initial contract for 2 years, renewable. The principal areas of responsibility will be in plant biology, including introductory and advanced courses. Responsibilities may also include teaching introductory biology courses. The successful candidate will be expected to develop and maintain an active, external funding program for which modest institutional support is available. Wheaton College is a coeducational liberal arts insti- tution in southeastern Massachusetts. Applicants should hold a Ph.D., and have postdoctoral experience desirable. Applicants should send a letter of interest, curriculum vitae, and three letters of recommendation. The deadline for applications is 1 November 1990.

Applications should be directed to: Dr. Barbara Brenneshell, Chair, Biology Department, Wheaton College, Norton, MA 01766. Affirmative Action/Equal Opportunity Employer.

ASSISTANT PROFESSOR

The Department of Chemistry at the University of New Mexico solicits applications for a tenure-track assistant professorship in biophysical chemistry beginning 12 August 1991. Qual- ifications for this position include a commitment to undergraduate teaching and the potential for developing a strong externally sponsored research program. Exceptional candidates in all bio-related fields of chemistry will be considered. However, special atten- tion will be given to those applicants whose research complements the existing program of biophysical chem- istry within the department. Please send curriculum vitae, description of research plans, and arrange for at least three confidential letters of recommendation to be sent to: Professor M. R. Ondrias, Chair, Biophysical Chemistry, Chemistry Department, University of New Mexico, Albuquerque, NM 87131. To ensure full consideration, applications should be received and complete by 1 December 1990. Applications from women and minorities are especially encouraged. Equal Opportu- nity Employer/Affirmative Action.

UNIVERSITY OF COLORADO

ATMOSPHERIC CHEMIST

The Department of Chemistry and Biochemistry and the Cooperative Institute for Research in Environmental Sciences (CIRES) seek to fill a position in the area of atmospheric chemistry. The tenure-track faculty position may start any time between January and September 1991. It is preferred to fill the position at the ASSIST- ANT PROFESSOR level, but candidates will be con- sidered at all levels. The incumbent will teach atmo- spheric, analytical, or environmental chemistry courses and will develop and supervise a research program in atmospheric chemistry. We are particularly interested in candidates having field studies as a compo- nent of their research program. A Ph.D. is required. Minimum 9-month salary is expected to be $36,000 for the position filled at the assistant professor level.

Send resume, transcripts, and ask that three letters of reference be sent directly to: Professor R. J. W. Withrow, Director of CIRES, Campus Box 216, University of Colorado, Boulder, CO 80309. First consideration will be given to applicants for whom references are received by 15 November 1990. The search will continue until the position is filled.

The University of Colorado, Boulder, has a strong institutional commitment to the principle of diversity in all areas. In that spirit, we are particularly interested in receiving applications from a broad spectrum of people, including women, members of ethnic minorities, and disabled individuals.

CHEMISTRY/ANALYTICAL CHEMISTRY

The Department of Biological and Physical Sciences invites applications for a tenure-track position at the ASSISTANT PROFESSOR level commencing August 1991. Responsibilities include teaching, at the under- graduate level, principles of chemistry, analytical chem- istry, and instrumental methods of analysis. Although teaching is a prime responsibility, research and service are also required.

Desired qualifications include an earned doctorate and a strong commitment to undergraduate teaching, re- search, and publication. Salary is competitive and in- cludes an excellent fringe benefits package. Although the review process will commence 1 December 1990, applic- ations will be accepted until the position is filled.

Send resume, copies of undergraduate and graduate transcripts, and the names, addresses, and telephone numbers of at least three references by 1 December 1990 to:

Dr. Robert Roales
Chairperson, Department of Biological and Physical Sciences
Indiana University–Kokomo
P.O. Box 9003
Kokomo, IN 46904–9003

Indiana University at Kokomo is an Equal Opportunity/ Affirmative Action Employer.

SCIENCE, VOL. 250

S80
positions open

Assistant Professor of Oral Biology. Tenure-track research position in Faculty of Dentistry, University of Western Ontario. Candidates should have Ph.D. and/or D.D.S. (or equivalent) and demonstrated research experience. Successful applicant will be expected to maintain vigorous, externally funded research program complementing current research interests, which include neuroopharmacology and neurobiology of pain, biology of mineralized tissues, and oral microbiology/immunology, and to participate in some teaching. Position available 1 July 1991. Preference to candidates who reply before 30 November 1990. Applicants should submit curriculum vitae, selected reprints, outline of research goals, and names of three referees to: R. I. Brooke, Dean, Faculty of Dentistry, The University of Western Ontario, London, Ontario N6A 5C1. Position subject to budget approval. In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents of Canada. The University of Western Ontario is an Equal Opportunity Employer.

The University of Michigan Medical School, Department of Biological Chemistry, invites applications for a faculty position at the rank of Assistant/Senior Associate Professor. Candidates should have a Ph.D. in biochemistry or a closely related field, with postdoctoral training in the area of protein phosphatases or kinases. Experience in protein isolation and recombinant DNA techniques is required. Teaching obligation will not exceed 5 to 10% of total effort. Send resume to: Dr. Jack E. Dixon, Department of Biological Chemistry, The University of Michigan Medical School, Ann Arbor, MI 48109-0606. A non-discriminatory Affirmative Action Employer.

Two-year visiting Assistant Professorship in behavioral neuroscience beginning fall 1991. A strong possibility that the slot will become tenure track. Women and minorities are encouraged to apply. Salary competitive. Teach two courses per semester. In addition to behavioral neuroscience courses, the ability to teach introductory psychology, statistics, or experimental design highly desirable. Candidates must have an outstanding research program and funding potential. Send curriculum vitae, representative publications, and three letters of reference by 10 December 1990 to: Dr. John Nyby, BNS Search Committee, Department of Psychology, Chandler Hall #17, Lehigh University, Bethlehem, PA 18015. Lehigh is an Affirmative Action/Equal Opportunity Employer.

Assistant/Associate Professor. The Department of Cell Biology, Neurobiology, and Anatomy at Loyola University Stritch School of Medicine is seeking a cell biologist to fill a tenure-track position at the assistant or associate professor level beginning 1 July 1991. Applicants should have completed postdoctoral training and be capable of establishing an independent research program supported by extramural funding, although sufficient seed money will be available for establishing laboratory. Individuals utilizing molecular approaches in the fields of general cell biology, immunobiology, or neuroimmunology are encouraged to apply. Teaching responsibilities include medical histology, embryology and graduate cell biology. Applicants should submit a letter indicating qualifications and research goals, curriculum vitae, and the names of three references by 15 December 1990 to: Dr. G. B. Schneider, Department of Cell Biology, Neurobiology, and Anatomy, Loyola University Stritch School of Medicine, 2160 South First Avenue, Maywood, IL 60153. Loyola University is an Equal Opportunity Employer.

BiologY

Transylvania University. Tenure-track position, Assistant/Associate Professor, beginning September 1991. Ph.D. required, college teaching experience preferred. Teaching in three of the following: cell biology, animal physiology, genetics, general biology. Molecular biology experience important. Appointee is expected to develop a research program involving undergraduate students. Highest qualified candidates may be considered for a Bingham Award for Excellence in Teaching, which provides a substantial salary supplement; start-up awards may be given to less experienced faculty. Submit letter of application, curriculum vitae, statement of teaching philosophy, and three letters of recommendation to: Dr. J. Hill Hamon, Transylvania University, Lexington, KY 40508. Equal Opportunity Employer.

Research Opportunities

Bring Your Background to the Forefront of Pharmaceutical Research

Lederle Laboratories has long enjoyed an outstanding reputation as a world leader in the discovery, development and marketing of quality pharmaceuticals. Our products have been instrumental in the treatment of infectious diseases, cancer, cardiovascular and central nervous system diseases. Building upon our strengths and creating an environment that will foster an even stronger and more dynamic R&D organization, we seek distinguished scientists across a wide variety of disciplines to help us shape the future of our company.

Protein Biochemist

Working in the Molecular Biology Research Section, the selected candidate will pursue basic research focusing on the structure and function of oncogenes, growth factors/cytokines, and viral proteins. The successful candidate will need a Ph.D. with extensive professional experience in one or more of the following areas: protein purification using modern techniques, protein structural analysis (amino acid analysis, sequencing, NMR, etc.), peptide synthesis, methods development (particularly micro methodology), and membrane proteins. Candidate should have relevant postdoctoral training. Individuals with an active interest in oncogenes, growth factor and viral protein research are especially encouraged to apply. (Dept. PB)

Research Biologist

You will become involved in research and development within the Oncology area of the Immunology Research Department. The qualified candidate will have a B.S./M.S. with extensive experience in animal studies (rats, mice). Experience in cell biology (growth of animal cells in culture) as well as experience in molecular biology (RNA isolation, RNA-DNA and DNA-DNA hybridization). The individual will be responsible for conducting protein purification and routine biochemical techniques. (Dept. SK)

Research Scientist

Working in the Metabolism Research Department, you will be responsible for developing biochemical methodologies (primarily HPLC and GC) to determine drug concentrations in biological fluids for pharmacokinetic and metabolism studies. Responsibilities will include instrument operation, data analysis by computer, in vivo preclinical work, and report writing.

The qualified candidate will have a Master's degree in Chemistry or equivalent with 3-5 years' experience in biochemical methods development, or a Ph.D. in Chemistry or equivalent with up to 2 years experience. (Dept. DD)

All positions offer competitive salaries and excellent benefits and are located at the Lederle Laboratories campus of American Cyanamid in Pearl River, New York, just twenty-five miles north of New York City. For immediate consideration, please send your resume/c.v. with salary requirements and indicating the department code for the position of your choice to: Professional Employment Representative, Lederle Laboratories, 401 N. Middletown Road, Pearl River, New York 10965. An Equal Opportunity Employer m/f.

Dedicated People Dedicated To People Since 1906.
FOREST PATHOLOGIST

The Department of Plant Pathology at the University of Wisconsin–Madison seeks applicants for a tenure-track faculty position at the level of Assistant or Associate Professor level. Research involving tree diseases relevant to Wisconsin or the Northeastern U.S. is encouraged. The position is available immediately. Please send curriculum vitae to: Dr. Jonathan S. Raymond, Dean of the Faculty, Gordon College, Wenham, MA 01984.

AFFIRMATIVE/ASSOCIATE PROFESSOR. Tenure-track position available for biologist at Gordon College in North South Carolina, or Georgia. Ph.D. required; ability to teach some combination of genetics, immunology, botany, and physiology. Postdoctoral experience preferred. Commitment to research and teaching within the context of a Christian liberal arts college and the ability and desire to integrate faith and learning. Send curriculum vitae plus one-page statement of educational philosophy to: Dr. Douglas P. Miller, Chair, Search Committee, Biology Department, Gordon College, 900 Gilman Drive, Salem, NC 28773-0062; by 23 November 1990. Affirmative Action, Equal Opportunity Employer.

Molecular GENETICIST (Ph.D. Level) Open until filled.

The Department of Microbiology and Molecular Genetics seeks applications for the position of Assistant Professor. Applicants are expected to have a Ph.D. degree. The successful candidate is expected to establish an active research program. Salary is negotiable. The Department of Microbiology and Molecular Genetics is committed to recruiting a diverse group of candidates. Applications from women, members of ethnic minorities, physically disabled persons, and other underrepresented groups are encouraged. Submit a letter of application, a summary of research interests, and three letters of recommendation to: Dr. William D. Minor, Chair, Search Committee, Department of Microbiology and Molecular Genetics, University of Wisconsin–Madison, 1150 Angell Hall, Madison, WI 53706. The University of Wisconsin is an Affirmative Action/Equal Opportunity Employer.

Full Professor. Tenure-track position. The Department of Biology, University of Oklahoma, seeks an outstanding candidate for a full professor position. Salary is negotiable. The successful candidate is expected to develop an active research program. Salary is negotiable. The Department of Biology, University of Oklahoma, seeks an outstanding candidate for a full professor position. Salary is negotiable. The successful candidate is expected to develop an active research program and to contribute to teaching and research training in our undergraduate, M.S., and Ph.D. programs. Applications are encouraged from candidates who have a demonstrated record of and commitment to excellence in research and teaching.

OHIO STATE UNIVERSITY DEAN—COLLEGE OF DENTISTRY

The Ohio State University invites nominations and applications for the position of Dean of the College of Dentistry, available 1 July 1991. Candidates should have a D.D.S. or equivalent degree, be recognized leaders in the field of dental education and have a distinguished record of scholarship and teaching. The dean serves as chief academic and administrative officer of the College of Dentistry and has responsibility for all instructional, research, service, and patient care programs. Signifies require for this search or in the previous college searches. The Ohio State University is an Affirmative Action/Equal Opportunity Employer. Applications are encouraged from women, members of ethnic minorities, physically disabled persons, and other underrepresented groups. Applications should include a letter of application, summary of research and teaching interests, and three letters of reference to: Dr. Dennis McTigue, Chair, Search Committee, College of Dentistry, University of Oklahoma–Tulsa, 8001 North Hancock Street, Tulsa, OK 74121-4499. The University of Oklahoma is an Equal Opportunity/Affirmative Action Employer.
STAFF SCIENTISTS - NEUROPHARMACOLOGY/NEUROBIOLOGY

REGENERON PHARMACEUTICALS, a company dedicated to developing therapeutic agents for degenerative and traumatic neurological disorders, is seeking to apply recent advances in the understanding of neuronal growth and regeneration.

REGENERON offers an exciting, collegial environment in which state-of-the-art molecular skills are brought to bear on outstanding problems in neurobiology and medicine. Key projects focus on the discovery, purification and molecular cloning of novel neurotrophic growth factors, and on the assessment of their biological roles as well as therapeutic potentials using innovative cell culture methods and animal models.

Positions in Pharmacology require a Ph.D. in Pharmacology or related discipline and a minimum of four years' post-doctoral experience in the absorption, distribution and metabolism of drugs (preferably polypeptides and proteins). Previous experience in pharmacokinetic modeling, knowledge of protein and peptide separation techniques, and delivery of drugs to the CNS are essential. Previous industrial experience is highly desirable.

Positions presently available in Neurobiology require a working knowledge of animal models of neurodegenerative disease and trauma. Parkinson's Disease, Spinal Cord and PNS Trauma and Sensory and Motor Neuropathies are areas of particular interest. An M.D. or Ph.D. degree and a minimum of 3 yrs. postdoctoral experience is required.

REGENERON's modern facility is located on a 275-acre wooded campus in Westchester County, 20 miles north of Manhattan, near major universities and medical centers. We offer excellent compensation packages, including generous stock options. Suburban Westchester features attractive and affordable housing, outstanding public schools and recreational facilities along with ready access to the culture and business centers of New York City.

Please forward your resume, in confidence to: Ms. Carol Deaken, REGENERON PHARMACEUTICALS, INC. 777 Old Saw Mill River Road Tarrytown, NY 10591-6706 Equal opportunity employer.

REGENERON Pharmaceuticals, Inc.
ENDOWED CHAIR IN PROTEIN STRUCTURE AND FUNCTION

The University of Missouri–Kansas City announces a search for the Merrell Dow Chair in the School of Basic Life Sciences. The school is seeking an internationally recognized investigator with a demonstrated record of internal support and research, who can strengthen the broadly defined area of protein structure and function. This position will complement the school’s research program in recognition and its recent expansion into molecular aspects of disease.

The successful candidate should have an extensive record in doctoral training supervision and qualify for a tenured position in the School of Basic Life Sciences. The holder of this endowed chair is expected to participate in the recruitment of at least two additional faculty members and to build a strong research group. The holder of this endowed chair will be a member of the School of Basic Life Sciences.

Applications are welcomed from all areas of research. The school is especially interested in efforts to integrate structural approaches with the study of function, with the goal of actively developing new strategic approaches for biological science.

Consideration of qualified candidates will begin immediately and will remain open until a successful candidate has been identified. Letters of application and nominations should be accompanied by a current résumé and should be sent to:

Chair Search
\[\text{c/o Carol Johnson, Assistant to the Dean}\]
\[\text{School of Basic Life Sciences}\]
\[\text{University of Missouri–Kansas City}\]
\[\text{Kansas City, MO 64110}\]
\[\text{Telephone: 816-235-2249, FAX: 816-235-5158}\]
\[\text{Equal Opportunity Employer}\]

PATHOPHYSIOLOGY AND ASSOCIATE/ASSOCIATE DEAN POSITION.

Nominations and applications are invited for the position of associate dean and full-time associate professor in the Department of Pathophysiology and the associate dean for the area of cellular/molecular interactions. The candidate will be responsible for the delivery of the Pathophysiology curriculum, and for the supervision of all faculty and staff involved in the department's activities.

Interested persons should submit a letter of intent to apply along with curriculum vitae and the names and addresses of three references to: Dr. Patsy C. Covey, Dean, College of Allied Health Professions, University of South Alabama, Mobile, AL 36688. Deadline for applications is 31 December 1990 or until filled. Equal Opportunity/Affirmative Action Employer.

FACULTY ASSOCIATE: Position with the University of Texas Southwestern Medical Center. Need clinical or analytical expertise in genetics or molecular biology.

DIRECTOR OF STRUCTURAL BIOLOGY

The Florida State University announces a search for a director of a new interdisciplinary program in structural biology. We seek an outstanding senior scientist to oversee the development of this cooperative effort between the Departments of Biological Sciences and Chemistry. The director will have a faculty appointment in one or both departments. This program provides:

• a state-of-the-art commitment to the recruitment and development of new faculty and staff positions at all levels along with other financial resources;

• fully staffed departmental core facilities for analytical biochemistry, DNA and protein sequencing, oligonucleotide synthesis, enzyme and cell biology, hybridoma production, laser spectroscopy, NMR spectroscopy, molecular modeling, and anticipated development of an X-ray crystallography service;

• active, well-supported graduate programs; and

• an excellent university research environment that includes the Howard Hughes Medical Institute and the National High Magnetic Field Laboratory.

Applications and nominations with curriculum vitae should be forwarded to:

Professor Marc E. Freeman
Chair, Search Committee
\[\text{c/o Beverly Tranchand}\]
\[\text{Institute of Molecular Biophysics}\]
\[\text{The Florida State University}\]
\[\text{Tallahassee, FL 32306–3015}\]
\[\text{Florida State University is an Equal Opportunity/}\]
\[\text{Affirmative Action Employer}\].

DIRECTOR OF GENETICS

The Laboratory of Genetics, University of Wisconsin, is expanding its research and teaching programs by recruitment of an associate director of the laboratory. The associate director will work closely with the director to define and achieve the goals of the laboratory.

Applications and nominations should be sent to:

Professor J. Arineh, Ph.D., Chairman,
Department of Biochemistry,
Meharry Medical College,
Nashville, TN 37208.
Meharry Medical College is an Equal Opportunity/Affirmative Action Employer.

DIRECTOR OF MOLECULAR GENETICS/PSEUDOPHARMACOLOGIST

Mayo Clinic/Mayo Medical School invites applications for a FACULTY POSITION in the Department of Psychiatry and Psychology, in close collaboration with members in the Department of Pharmacology and the Department of Biochemistry and Molecular Biology. The candidate should have primary interests in major psychiatric disorders and be pursuing these interests with the methods of molecular genetics and/or molecular pharmacology. M.D. and clinical training in psychiatry is desirable but not required. Mayo will provide generous space and startup funds in addition to an attractive salary and benefits and an academic rank will be determined by qualifications; candidates are also encouraged to apply. Submit curriculum vitae and three letters of recommendation to:

Dr. Toshiko Maruta, M.D., Chairperson of Search Committee, Department of Psychiatry and Psychology, Mayo Medical School, 200 First Street, Rochester, MN 55905. An Equal Opportunity/Affirmative Action Employer.

IMMUNOLOGIST, Ph.D. Experience in host-immune response. Study on infectious disease vaccine development long-term support; faculty level research track appointment possible. Opportunity to develop independent program. Position available immediately. Send résumé to: Dr. Eugene A. Davidson, Chairman, Department of Biochemistry and Molecular Biology, Box 570505, University of Washington, Washington, DC 20057. Equal Opportunity Employer.
Promega Corporation is seeking a talented individual for the position of Director of Research, Diagnostic Products. This position is responsible for directing the activities of the Diagnostic Products R&D Department. Specific duties include directing the activities of scientists in this department in the development of products for the food testing, DNA typing, and clinical diagnostic marketplaces (currently 19 scientists plus other support staff). Direction of 5 project leaders who lead the development teams; and coordination of overall departmental activities including strategic planning, prioritization of product development activities, project management, training of project leaders and other scientific personnel; providing technical direction, departmental budget development, departmental staffing and recruitment, technical interactions with strategic partner companies, integration of R & D activities with other departments in the company, and development of patent applications and other forms of protection for intellectual property.

Qualifications include a Ph.D. in a scientific discipline with a minimum of 8 years experience or equivalent; experience managing a scientific department in an industrial setting; management experience including project management, budget, and personnel; record of effective integration of scientific teams and completion of projects on time and within budget; strong technical background in enzymology, immunology, and molecular biology; and demonstrated creativity and technical leadership ability.

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

**Promega Corporation**

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MADISON, WI 53711-5399

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**THE UNIVERSITY OF TEXAS AT DALLAS**

**TWO ASSISTANT PROFESSORS**

The Molecular and Cell Biology Program of The University of Texas at Dallas invites applications for two tenure-track positions at the Assistant Professor level beginning September 1, 1991. The Program focuses on basic research, graduate training at the doctoral level, and educating a select group of undergraduate students. Applicants should have at least two years of postdoctoral experience and show evidence of a vigorous and independent research program capable of obtaining external support. One position is for candidates using physical techniques to study biomolecular structure. Teaching responsibilities for this position are part of a graduate course in macromolecular physical chemistry and contributions to team-taught undergraduate courses. Preference for the second position is a person using electron microscopy to study an area of molecular or cell biology. Although the teaching area is flexible to fit the expertise of the candidate, the preferred responsibilities are part of a graduate course in quantitative biology with contributions to team-taught undergraduate courses. Send curriculum vitae, a short description of research plans, and names and phone numbers of three or more references to:

The University of Texas at Dallas

Academic Search Number #297

P.O. Box 830688

Richardson, TX 75083-0688

Review of applications will begin on December 1, 1990, and continue until the positions are filled. Indications of sex and ethnicity for Affirmative Action statistical purposes is requested as part of the application but not required. The University of Texas at Dallas is an Affirmative Action/Equal Opportunity employer.

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**THE MEDICAL COLLEGE OF PENNSYLVANIA**

**CHAIR**

**DEPARTMENT OF ANATOMY AND NEUROBIOLOGY**

The Medical College of Pennsylvania invites applications and nominations for the position of Chair, Department of Anatomy and Neurobiology. The department currently has ten full-time faculty members with a strong emphasis on Neuroscience research ranging from molecular to behavioral studies. The faculty is well funded and, in addition, has a NIH funded Program Project Grant on mechanisms of recovery from spinal cord injury and a funded postdoctoral program. The number of individuals, including staff, pre and postdoctoral students and faculty, totals sixty-three.

We seek a distinguished scientist and educator in cell, developmental, molecular, or neurobiology or genetics with proven ability in Administration who can lead and expand the department. The Medical College of Pennsylvania is undergoing an expansion phase of its physical facilities that will allow the potential for the addition of faculty and space to the department.

A letter of interest or nomination, curriculum vitae, and the names of at least three references should be sent by October 31, 1990 to George L. Popky, M.D., Chair, Appointment and Promotion Committee, Professor and Chairman, Department of Radiologic Sciences, The Medical College of Pennsylvania, 3300 Henry Avenue, Philadelphia, Pennsylvania 19129. Equal opportunity/affirmative action employer.

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**Biostatistics and Research Data Systems**

**EXECUTIVE DIRECTOR**

The Merck Sharp and Dohme Research Laboratories have an outstanding opportunity for a leading biostatistician/epidemiologist to head up the Biostatistics and Research Data Systems Department. This function involves a leadership role for over 200 staff members including biostatisticians who cover both preclinical and clinical studies, data coordinators, specialists in clinical information systems and computerized data entry, health economists and epidemiologists.

The successful candidate should be an M.D. or Ph.D. with superior academic credentials, significant experience in the quantitative aspects of clinical study design and analysis and the ability to provide leadership for this major area of drug development. The position reports to the Executive Vice President, Worldwide Development as a member of the senior management staff in Worldwide Development which includes the heads of Clinical Research, Regulatory Affairs, Process R&D and Drug Metabolism. It provides a unique opportunity for leadership as well as an opportunity to interact closely with an outstanding group of physicians and scientists in the Merck Sharp and Dohme Research Laboratories. The individual should have both outstanding professional qualifications and a proven track record as a leader and administrator. Merck Sharp and Dohme Research Laboratories are located at both New Jersey and Pennsylvania sites, and the individual selected could be based in either site. Please send your curriculum vitae and list of references to: Mr. Search Committee, Merck Sharp and Dohme Research Laboratories, Personnel (RYBO-A3), P.O. Box 2000, Rahway, NJ 07065.

An equal opportunity/affirmative action employer.
Product Safety and Compliance Specialist

The Lubrizol Corporation is a leader in the development, production and marketing of specialty chemicals that improve the performance of lubricants and fuels. Lubrizol offers a stimulating environment marked by a top management commitment to research and development and to total product quality.

We are seeking a highly qualified Product Safety and Compliance Specialist to coordinate safety data sheets and labels for hazard communication. As the successful candidate you must have a degree in chemistry, biological science or engineering. Good chemical knowledge and communication skills are essential. A background in toxicology, hazard communication and computer usage is desirable, but not required.

Lubrizol offers an attractive benefit plan which includes: comprehensive life/medical/dental insurance, pension and profit sharing trusts, plus other financial and professional incentives. Qualified candidates should submit resumes to:

EDWARD R. MILLER
MANAGER OF STAFFING
THE LUBRIZOL CORPORATION
29400 LAKELAND BOULEVARD
WICKLIFFE, OH 44092
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No third party inquiries, please.

Our People Are Empowered With The Freedom To Think, Decide And Act.

DISCOVERY RESEARCH – ELECTROPHYSIOLOGIST

DowElanco is a research-based agricultural products company. We are currently seeking an Electrophysiologist to join a multidisciplinary team of over 200 biologists, biochemists and chemists dedicated to the discovery of novel agricultural and industrial pest control molecules and technologies.

Responsibilities include conducting a research program investigating novel target sites in insect pest species and characterizing the interaction of novel chemicals on insect nervous tissues.

The successful candidate will have a Ph.D in entomology, physiology or neurobiology, 1-3 years experience with application of in vitro electrophysiological techniques and a strong background in pharmacology/toxicology. Experience in insect electrophysiology is highly desirable. Excellent computer, communication and interpersonal skills are a must.

You may begin with us at either our research facility in Walnut Creek, California or Greenfield, Indiana. You will relocate to our new state-of-the-art research facility in Indianapolis, which is scheduled to be completed in the fourth quarter of 1992.

DowElanco offers an excellent salary and benefits package and outstanding opportunities for advancement in an interactive goal-oriented research environment. Send your resume, by November 30, to: Dr. Scott H. Hutchins, R&D Recruitment Manager, DowElanco, 9002 Purdue Rd., Indianapolis, IN 46268-1189. Equal Opportunity Employer.

POSITIONS OPEN

SENIOR FACULTY POSITION IN THEORETICAL CHEMISTRY at Iowa State University, effective August 1991. Applications are invited from appropriate joining theoretical chemists. We are especially seeking candidates with research interests in fundamental electronic theory and its application to chemical problems. Requires an esteemed international reputation in research, sustained high level of external funding, and dedication to excellence in undergraduate and graduate teaching. Submit curriculum vitae, publication list, and research plans to: Professor A. E. DePristo, Theoretical Chemistry Search Committee, Department of Chemistry, Iowa State University, Ames, IA 50011. Nominations are also welcomed. Evaluations will begin 15 November 1990. Iowa State University is an Equal Opportunity/Affirmative Action Employer and especially welcomes applications from women and minority candidates.

SENIOR FACULTY POSITION MICROBIOLOGY

The Department of Microbiology at the University of Illinois (Urbana-Champaign) seeks candidates for a full-time tenure-track faculty position at the ASSOCIATE PROFESSOR or FULL PROFESSOR level. Applicants must have a doctorate degree and should have developed an active, independent research program of outstanding quality. Research areas of particular interest include, but are not limited to, molecular biology of microorganisms (prokaryotic or eukaryotic), microbial physiology and genetics, and molecular virology. The successful applicant should be an enthusiastic teacher able to interact effectively with the outstanding graduate and undergraduate students at the University of Illinois. Starting date is August 1991. Salary commensurate with experience.

The Department of Microbiology offers a supportive academic environment and a strong graduate program. There are extensive interdepartmental interactions in microbial and eukaryotic cell and molecular biology, genetics, virology, immunology, neurobiology, developmental biology, evolution, biochemistry, and biophysics.

The University of Illinois (Urbana-Champaign) offers an outstanding and exciting research environment including a Biotechnology Center with state-of-the-art facilities for molecular engineering, high-throughput screening, flow cytometry, electron microscopy, fluorescence dynamics, and x-ray crystallography with computer analyses and molecular modeling capabilities.

Applicants should submit curriculum vitae and statement of research interests, including the names of at least three persons willing to provide letters of reference.

Charles G. Miller
Department of Microbiology
University of Illinois
131 Burrill Hall
407 South Goodwin Avenue
Urbana, IL 61801
Telephone: 217-333-1736

Equal consideration closing date for applications is 15 December 1990. Interviews may be conducted prior to 15 December. However, all applications received by the closing date will be given full consideration. The University of Illinois is an Affirmative Action/Equal Opportunity Employer.

Humboldt State University is attempting to hire individuals whose characteristics and qualifications suit them to prepare students to function in a culturally and ethnically diverse society. We are recruiting for two possible FACULTY POSITIONS: one in wildlife management and one in life science education. Ph.D. required; university teaching experience preferred. Candidates for the wildlife position must have expertise in wildlife management as demonstrated by wildlife experience and research publications in appropriate journals; must understand consumptive wildlife management and have expertise in mammals, birds, or herpetofauna. Candidates for the life science education position must possess, or be able to immediately qualify for, a teaching credential in California; area of primary biological expertise must be consistent with needs of a large, diverse department. Qualified applicants should send curriculum vitae, letter of application, reprints, transcripts, and three letters of recommendation to:

Wildlife/Life Science Education Search Committee
College of Science
Humboldt State University
Arcata, CA 95521
Telephone: 707-826-3561

Affirmative Action/Equal Opportunity Employer.

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POSITIONS OPEN

BIOCHEMISTRY FACULTY POSITION
UNIVERSITY OF CALIFORNIA
LOS ANGELES (UCLA)

The Department of Chemistry and Biochemistry has a tenure-track opening in biochemistry. The position probably will be filled at the ASSISTANT PROFESSOR level, but applications for a more senior position may also be considered. We are seeking a candidate who will establish a strong and innovative research program in biochemistry, molecular biology, and/or molecular biophysics. Teaching responsibilities will include undergraduate biochemistry and participation in graduate courses appropriate to the candidate's interests. Candidate should submit curriculum vitae and statement of research plans and should have three letters of recommendation sent to:

Dr. Paul D. Boyer
Department of Chemistry and Biochemistry
University of California
Los Angeles, CA 90024-1569

by 1 December 1990. The University of California is an Equal Opportunity/Affirmative Action Employer and encourages applications from women and minority candidates.

CELL AND DEVELOPMENTAL BIOLOGY
JUNIOR AND SENIOR FACULTY POSITIONS AVAILABLE

The Department of Biological Sciences has junior and senior tenure-track faculty positions open in the areas of cell and developmental biology. Applicants using genetic or molecular approaches to basic cellular or developmental problems are especially encouraged to apply. The successful candidates will be expected to establish an externally funded research program, train graduate students, and participate in undergraduate education. For candidates at the senior level an established research program and an interest in directing further faculty recruitment is expected. The department and university provide supported core facilities including hybridoma, DNA, protein, confocal, and EM facilities. The department especially encourages applications from minority and female candidates. Applicants should send by 10 December 1990 curriculum vitae, a summary of research interests and goals, and three letters of reference to:

Cell and Developmental Biology Search Committee
Department of Biological Sciences
University of Pittsburgh
Pittsburgh, PA 15260

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

TENURE-TRACK FACULTY POSITION
HUMAN GROSS ANATOMY

The UCR/UCLA Program in Biomedical Sciences, which offers an accelerated M.D. curriculum jointly with the University of California, Riverside (UCR) and the University of California, Los Angeles (UCLA), School of Medicine, announces a search for a tenure-track faculty position in the Division of Biomedical Sciences at UCR. Primary teaching responsibilities will be in a 10-week lecture and laboratory course in human gross anatomy for 24 first-year medical students. Prior gross anatomy teaching experience is considered essential. The successful candidate is also expected to actively participate in graduate student teaching.

The committee welcomes applications from those working in any modern area of biological research, but applicants with interests in cell, molecular, or developmental biology or neurosciences are encouraged to apply. The prospective level of appointment for candidates, who must possess the Ph.D. and/or M.D. degree, may be at the ASSISTANT, ASSOCIATE, OR FULL PROFESSOR level. Junior applicants must have postdoctoral research experience and the potential to develop a strong extramurally funded research program. Senior applicants should have a clearly demonstrable record of research productivity, success in obtaining extramural funding, and demonstrated teaching effectiveness. The University of California is an Equal Opportunity/Affirmative Action Employer. The deadline for application is 7 January 1991. Applicants should send curriculum vitae, representative reprints, statement of present and future research goals, summary of teaching experience, and names and complete addresses of four to six individuals who would be willing to write a letter of recommendation to: Dr. Kenneth Dorsky, Chairman, Anatomy Search Committee, Division of Biomedical Sciences, University of California, Riverside, CA 92521-0121.

MOLECULAR BIOLOGY
HELPING OTHERS
LIVE A BETTER LIFE

Boehringer Mannheim Corporation is one of the nation's leaders in the field of Medical Diagnostics, Biochemicals and Medical Research. This leadership has been attained through emphasis on quality and team effort. Due to our growth, we are seeking a Scientist - Molecular Biology for our U.S. corporate headquarters in Indianapolis, Indiana.

This Research and Development position is available for an MS degreed Molecular Biologist or BioChemist with up to 2 years of laboratory experience or a BS degreed scientist with 3-4 years of experience. Requires working knowledge and applied experience with various molecular biology techniques including cloning, restriction enzymes and Southern and Northern Blots. Use of radioactive and nonradioactive detection systems, DNA, RNA and plasmid purifications and sequencing and PCR experience desired.

At Boehringer Mannheim, we offer an outstanding relocation package as well as an excellent compensation and benefit program including a 401(k). Qualified applicants should send a resume with cover letter, including salary history, for confidential consideration to: Boehringer Mannheim, 9115 Hague Road, P.O. Box 30100, Dept. MR, Indianapolis, IN 46259. An Equal Opportunity Employer.

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Senior Scientist - PhD
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As the prescription pharmaceutical division of Procter & Gamble, Norwich Eaton is making significant progress in a very competitive industry. Innovation is the key to our success. Here you'll discover a vibrant, highly spirited environment where new ideas are appreciated and individual talent is acknowledged and rewarded.

To facilitate our on-going growth, we seek a Senior Scientist interested in the biological handling of new drugs and related pharmacokinetics, especially in regard to dosage form performance, metabolism, and pharmacodynamics. The position requires supervisory experience and a PhD in a pharmaceutically related science with at least 5 years of post doctoral experience in a relevant field such as chemistry, metabolism, pharmacology, or toxicology. Primary responsibilities include support of drug discovery programs using innovative study designs and methods (cold and radiotracer) to address ADMET and bioavailability issues, as well as the interpretation/presentation of data for INDs/NDAs, accompanied by extensive interactions with allied areas such as clinical, drug safety, pharmaceutical, regulatory, etc. The applicant's practical skills should be complemented by a high level of initiative and superior communication ability.

Bring us your capabilities, self-motivation and expertise. We'll provide the caliber advantages of a Fortune 500 organization coupled with the cultural benefits of a scenic up-state New York community, 200 miles northwest of New York City. For confidential consideration, please forward resume to: Mr. Terry M. Stark, DDSM, Norwich Eaton Pharmaceuticals, Inc., 17 Eaton Avenue, Norwich, NY 13815.

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A Procter & Gamble Company
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26 OCTOBER 1990
POSITIONS OPEN

FACULTY POSITIONS IN MOLECULAR AND CELLULAR ONCOLOGY

West Virginia University, School of Medicine, seeks to fill a number of faculty positions in the newly created Mary Babb Randolph Cancer Center to begin no later than 1 October 1991. Additional tenure-track faculty will be recruited during the next 3 years. Candidates are invited to apply for independent research positions that are supported through extramural funds. Excellent core facilities and generous start-up packages are expected to enhance the growth of new independent research programs. Applicants should submit curriculum vitae, a statement of research plans, and the names of three individuals for reference.

Dr. Eric H. Humphries
Director of Scientific Affairs
Mary Babb Randolph Cancer Center
School of Medicine
West Virginia University
Morgantown, WV 26506

West Virginia University is an Affirmative Action/Equal Opportunity Employer.

FACULTY POSITIONS
SECTION OF IMMUNOBIOLOGY

YALE UNIVERSITY

The Section of Immunobiology seeks applicants for several faculty positions at the level of ASSISTANT PROFESSOR. Qualified applicants in all areas of mammalian gene expression, signal transduction, and lymphocyte cell biology are invited to apply. We are particularly interested in candidates with expertise in areas of signal transduction, receptor-regulated gene activation, regulation, transmembrane signal transduction, protein sorting, and antigen presentation using cell biological approaches. Candidates would be expected to develop an independent research program and to participate in departmental teaching. Candidates should submit curriculum vitae with a summary of present and future research interests, and request that three letters of recommendation be sent. Applications should be received at the address below no later than 20 December 1990.

Dr. John A. Ladenson, Chairman
Section of Immunobiology
Yale University School of Medicine
310 Chapel Street, 424 EMB
P.O. Box 3333
New Haven, CT 06510

An Equal Opportunity/Affirmative Action Employer. Women and minority candidates are encouraged to apply.

DEVELOPMENTAL MOLECULAR BIOLOGY

The Department of Growth and Development at the University of California, San Francisco, School of Dentistry invites applications and nominations for a tenure-track position in molecular developmental biology. This individual must hold a doctoral degree and have a well-established expertise in the field of growth factors, particularly those known to affect the differentiation and function of skeletal and connective tissues. In addition, he or she is expected to develop a research program and show evidence of substantial prior research productivity. Candidates will be expected to maintain and/or develop independent research programs to: (1) investigate the role of growth factors in both the prevascular and postvascular stages of the developing eye, and (2) contribute to an academic community that includes both scientists and clinicians. Academic rank and salary will be commensurate with the candidate's qualifications. Nominations and applications, including curriculum vitae, the names of three references, and a description of current and future research and educational plans, should be sent to: Dr. Caroline Damsky, Chair of Search Committee, Department of Growth and Development, School of Dentistry, University of California, San Francisco, CA 94143-0640. Closing date 1 December 1990. Applications from women and minority candidates are especially welcome. The University of California is an Equal Opportunity/Affirmative Action Employer.

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POSITIONS OPEN

FACULTY POSITIONS IN PHARMACOLOGY

The Department of Pharmacology at Louisiana State University, Medical Center, in Shreveport invites applications for two tenure-track positions at the ASSISTANT PROFESSOR level; appointment may be made at the associate professor or professor level under special circumstances. Applicants must have an M.D. or Ph.D. degree and at least 2 years of postdoctoral experience. Candidates with a primary research interest in one or more of the following areas are encouraged to apply: the study of receptor-effector mechanisms, neuromodulator receptor systems, receptor-effector interactions, signal transduction, receptor-regulated gene activation, and signal transduction. The selected candidates will be expected to establish an independent research program, to compete for extramural funding, and to participate in the teaching program. Applications should include curriculum vitae, a list of publications, selected reprints, a brief summary of current and future research plans, and the names of three individuals for reference. Applications should be sent to: Adrian J. Dun, Ph.D., Department of Pharmacology, LSUHSC, P.O. Box 33952, Shreveport, LA 71130. Louisiana State University is an Equal Opportunity/Affirmative Action Employer.

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RESIDENT FACULTY POSITIONS  
THE SCHOOL FOR FIELD STUDIES  
Applications sought for unique environmental teaching opportunities with highly motivated undergraduates at remote field stations. Excellent field and experiential teaching skills plus research experience in the location of the course required. Residence on site during programs. Field director positions require highly developed administrative and leadership abilities. Ph.D. preferred in faculty positions. Unless noted, positions are for 12 month (2 semesters and summers) academic year. Annual base is up to $35,000 for field directors and $32,000 for faculty. Salaries include $3,000 room and board support.


Baja, Mexico: Marine mammalogist – Two positions, one may be Masters degree level. Cetacean emphasis preferred. January 1991 and September 1991. Option for 9 or 12 month year.


Costa Rica: Costa Rican citizenship preferred in all positions. Field Director – to start January 1991 and lead new program in sustainable development. Resource economist or manager; Ecologist/environmentalist; Cultural ecologist; faculty start August 1991.

To apply send detailed letter, resume, and telephone numbers of 3 references to: Faculty Search, Department S, The School for Field Studies, 16 Broadway, Beverly, MA 01915. Inquiries: 508-927-7777.

FACULTY POSITION(S)  
MCGILL UNIVERSITY  
DEPARTMENT OF PHARMACOLOGY & THERAPEUTICS  
The Department of Pharmacology & Therapeutics is undergoing a phase of growth and expansion, having recently incorporated three members of academic staff with interest in molecular pharmacology. It is now actively searching for suitable candidate(s) for one to two newly created academic tenure-track position(s) in the field of MOLECULAR ASPECTS OF PEPTIDE PHARMACOLOGY (expertise in peptide isolation, characterization and synthesis is desirable). Preferably, the candidate(s) should have research interests in drug biotransformation, membrane transport and/or chemotherapy. However, the most important consideration is proven excellence in the candidate(s) field of science. The level of the tenure track position(s) will be commensurate with the qualifications and experience of the selected candidate(s). Salaries for the position(s) start at $37,125, $43,265 and $53,621 respectively for the three levels (Assistant Professor, Associate Professor and Full Professor). The Department is seeking outstanding individual(s) who possess the ability to organize and develop an independent research group. The McGill Department of Pharmacology & Therapeutics has a broad based group of investigators in neuropharmacology and is very active in the areas of cardiovascular, receptor, developmental, bronchopulmonary and reproductive pharmacology, as well as toxicology. It has a vigorous graduate program which attracts well qualified candidates with great potential. Specialized facilities available include E/M, electronics, photography and advanced image analysis. Financial assistance to establish laboratories and purchase equipment, as well as statutory relocation assistance, will be provided. Applications, which must include a curriculum vitae, the names and addresses of three referees and a brief outline of proposed research, should be sent to: Dr. A. Claudio Cuello, Chairman, Department of Pharmacology & Therapeutics, McGill University, 3655 Drummond Street, Room 1325, Montreal, Quebec, H3G 1Y6, Canada by January 15, 1991, as the Department hopes to fill this position for the 1991–92 academic year.

SYRACUSE UNIVERSITY  
Department of Biology  
THREE (3) FACULTY POSITIONS  
Syracuse University is continuing a program of growth and development of a strong Biology Department. We have made five appointments in the last two years at junior and senior levels. We anticipate five additional appointments in the next two years. This year, pending final administrative authorization, we hope to appoint individuals for the three positions described below. New facilities including 25,000 sq ft. of research space, will be available in the near future.

We now invite applications for three positions, tenure-track or tenured. Successful candidates will be expected to establish vigorous research programs and to attract extramural support. Substantial time will be available for research, but participation in teaching of undergraduate and graduate students is expected. Applications should include curriculum vitae, description of a proposed research program, and names of three scientists we can contact for letters of recommendation. Applications should be addressed to: Department of Biology, Syracuse University, Syracuse, NY 13244, to the attention of the individual listed below with the position of interest.

Molecular Biologist, Senior Position: An individual of substantial accomplishments and reputation is sought. Area of specialization within molecular biology is not restricted. Apply by January 1, 1991 to Dr. P. B. Dunham at the address listed above.

Evolutionary Biologist, Open Rank: Outstanding individuals studying any aspect of evolution will be considered. We are especially interested in candidate using both molecular and theoretical approaches. Apply by November 1, 1990 to Dr. W. T. Starmer at the address listed above.

Yeast Molecular Geneticist, Assistant Professor: A molecular geneticist who uses yeast as an experimental organism in his or her research program. Though an appointment at the level of Assistant Professor is most likely, applications from more senior candidates are welcome. Apply by January 1, 1991 to Dr. Richard Hallberg at the address listed above.

Syracuse University is an Equal Opportunity/Affirmative Action Employer; women and members of all ethnic groups are especially encouraged to apply.
FTON POSITIONS

UNIVERSITY OF REDLANDS TENURE-TRACK POSITION IN CHEMISTRY

The University of Redlands invites applications for a tenure-track position at the ASSISTANT PROFESSOR level in Chemistry starting September 1991. Excellent undergraduate teaching is a primary qualification. Teaching responsibilities will include general chemistry and organic chemistry courses as well as involvement in the general chemistry program. The successful candidate also will be expected to develop a vigorous research program involving undergraduate students. Candidates should submit (i) a letter of application which includes a statement of philosophy about teaching in a liberal arts context, (ii) current curriculum vitae and a list of research plans, (iii) three letters of reference and the names, addresses, and telephone numbers of the references. Send all materials to: Dr. J. A. K. Peterson, Chairman, Department of Chemistry, University of Redlands, 1200 East Colton Avenue, Redlands, CA 92373-0999. Must be received by 5:00 p.m., Tuesday, 8 January 1991. The University of Redlands is an Equal Opportunity/Affirmative Action Employer and encourages applications from women and minorities.

FACULTY POSITION

The Microbiology Department of The University of Texas at Austin invites applications for an ASSISTANT PROFESSOR in the area of immunology. Appointment at a higher rank will be considered for individuals with an established record of independent research. Highly qualified individuals with interests in molecular biology outside of this area also will be considered. This is an outstanding opportunity to join an active department during a period of expansion. Please submit curriculum vitae, including names and addresses of three references and a summary of research interests to: Microbiology Department Search Committee, The University of Texas at Austin, Austin, TX 78712-1095. The University of Texas is an Equal Opportunity/Affirmative Action Employer.

FACULTY POSITIONS

FACULTY POSITIONS: CELL AND DEVELOPMENTAL BIOLOGY, MOLECULAR GENETICS, BIOCHEMISTRY, AND CELL BIOLOGY State University of New York (SUNY) at Stony Brook, invites applications for junior or senior-level appointments in the Department of Earth and Environmental Sciences, in the field of neurobiology. The designated research area for one of these positions is molecular neurobiology, but candidates with strong biological training and interests will be considered for the second position. Academic ranks would be commensurate with training and experience. Current research in the department includes plasticity in the developing and adult nervous system, receptor and synaptic plasticity, and the development of neuroanatomical and neurobehavioral models of behavior and dysfunction. Submit a curriculum vitae, a statement of research interests, and three letters from scientific references to: Dr. William J. Lennarz, Chairman, Department of Biochemistry and Cell Biology, State University of New York, Stony Brook, NY 11794-5215 by 1 January 1990. SUNY Stony Brook is an Affirmative Action/Equal Opportunity Employer. AK 182.

FACULTY POSITIONS

NEUROBIOLOGY

McMaster University. The Department of Biomedical Sciences invites applications for tenure-track positions in the area of neurobiology starting in the fall of 1992. The designator research area for one of these positions is molecular neurobiology, but candidates with strong biological training and interests will be considered for the second position. Academic ranks would be commensurate with training and experience. Current research in the department includes plasticity in the developing and adult nervous system, receptor and synaptic plasticity, and the development of neuroanatomical and neurobehavioral models of behavior and dysfunction. Submit a curriculum vitae, a statement of research interests, and three letters from scientific references to: Dr. William J. Lennarz, Chairman, Department of Biochemistry and Cell Biology, State University of New York, Stony Brook, NY 11794-5215 by 1 January 1990. SUNY Stony Brook is an Affirmative Action/Equal Opportunity Employer. AK 182.

POSTDOCTORAL POSITION

POSTDOCTORAL POSITION: BIOCHEMIST Position available immediately to join a group involved in the study of the neuronal and extrasynaptic GABA receptor to examine the relationship between GABA receptor subunits and their interaction with GABAergic neurotransmitters. Send resume to: Dr. William Lennarz, Department of Neurology, McMaster University, 1200 Main Street West, Hamilton, Ontario L8N 3Z5, Canada.

POSITIONS OPEN

CELLULAR/MOLECULAR PLANT PHYSIOLOGIST. Tenure-track position in cellular/molecular physiology. Applicant must have a commitment to teaching and a demonstrated ability to develop an active research program. Postdoctoral experience required. Applicants must provide curriculum vitae, statement of research and teaching interests, and three letters of recommendation. Send all materials to: Dr. David Soltis, Chair, Department of Biology, California State University, Long Beach, CA 90840-8782. Deadline for receipt of applications is 2 January 1991 or until a suitable candidate is found. Women and minorities are encouraged to apply. An Equal Opportunity/Affirmative Action Employer.

MOLECULAR GENETICS/BIOLOGY FACULTY

The New Mexico Institute of Mining and Technology's Department of Biology invites applications for a tenure-track position available at the ASSISTANT PROFESSOR level. The primary teaching responsibilities of the successful applicant will be upper division courses in genetics, cell and molecular biology, and a lower division botany course. The applicant will be expected to develop, fund, and maintain an active research program. Initial 2-year appointment, renewable for 2 years. Position will be available beginning August 1991. Salary will be commensurate with qualifications. Send curriculum vitae, a one-page statement of research interests, names, addresses, and telephone numbers of four references by 1 January 1991 to: New Mexico Institute of Mining and Technology, Human Resources, Wells Hall Box C-120, Socorro, NM 87801.

GENETICIST: Tenure track, beginning fall 1991. Department of Biology, Colorado College, a private, undergraduate institution enrolling 1850 students. Ph.D. required in hand or imminent. Responsibilities include teaching general genetics, cell biology, molecular biology, and research program in genetics. Salary dependent on experience and qualifications. Send curriculum vitae to: Dr. John T. Custer, Chair, Department of Biology, Colorado College, Colorado Springs, CO 80903, by 1 December 1990. Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL ASSOCIATE

Available immediately to study relationship of Wilm's tumor with c-erbB oncogenes, mitogenic signaling, using yeast artificial chromosome cloning of 11p13 (Science, in press), and a second Wilm's tumor locus we recently cloned and termed WTX (Cell, 70:799-803, 1991; Am. J. Hum. Genet. 44, 720-723, 1989).Send curriculum vitae, summary of research interests, and names and telephone numbers of three references to: Dr. A. P. Feinberg, Howard Hughes Medical Institute, University of Michigan Medical Center, 4520 MSRB I, Ann Arbor, MI 48109-0650. Equal Opportunity Employer.

POSTDOCTORAL POSITION

Available immediately for 2 years to study signal transduction initiated by TGFBa and FGF's through a common cellular tyrosine kinase substrate. Characterization of these pathways and their alteration during both endocrine and goblet cell differentiation pathways will be studied. Experience in basic molecular biology techniques is essential. Salary based on experience, and competitive in the New England area. Please send resume and the names and telephone numbers of two references to: Eileen A. Friedman, Ph.D., Laboratory and Graduate Degree Biology, Memorial Sloan-Kettering Cancer Center, 1275 York Avenue, New York, NY 10021. FAX: 212-639-5850.

POSTDOCTORAL POSITION Available immediately to study relationship of Wilm's tumor with c-erbB oncogenes, mitogenic signaling, using yeast artificial chromosome cloning of 11p13 (Science, in press), and a second Wilm's tumor locus we recently cloned and termed WTX (Cell, 70:799-803, 1991; Am. J. Hum. Genet. 44, 720-723, 1989). Send curriculum vitae, summary of research interests, and names and telephone numbers of three references to: Dr. A. P. Feinberg, Howard Hughes Medical Institute, University of Michigan Medical Center, 4520 MSRB I, Ann Arbor, MI 48109-0650. Equal Opportunity Employer.

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POSITIONS OPEN

POSTDOCTORAL POSITIONS


POSTDOCTORAL POSITION available immediately. Involves site-directed mutagenesis of a dihydrofolate reductase gene, selection of functional second-site revertants of these mutant genes, followed by kinetic characterization of the mutant enzymes. Experience in molecular biology and enzymology desirable. Salary competitive with experience. This is an NIH-funded position and is available for 1 to 2 years. Please send curriculum vitae and names of three references to: Dr. Elizabeth Howell, Biochemistry Department, University of Tennessee, Knoxville, TN 37996-0840. UT Knoxville is an Equal Opportunity/Affirmative Action/Title VI, Section 504 Employer.

POSTDOCTORAL POSITION. Available in the area of biochemical/molecular biological studies on the structure and purification of adenovirus receptors. Recent Ph.D. in biochemistry or molecular biology required. Experience in molecular biological techniques required. Send curriculum vitae and names of three references to: Dr. Gary S. Stiles, Departments of Medicine and Biochemistry, P.O. Box 3444, Duke University Medical Center, Durham, NC 27710. Equal Opportunity Employer.

POSTDOCTORAL POSITION. Molecular Biology/Baculoviruses. A postdoctoral position is available to study the regulation of gene expression in baculovirus-infected and uninfected insect cells. Research will focus on the functional characterization of cis-acting elements and cellular and viral transcription factors. Send complete curriculum vitae, relevant publication reprints, and names and addresses of three references to: Dr. Gary W. Blissard, Boyce Thompson Institute at Cornell University, Tower Road, Ithaca, NY 14853-1801. Telephone: 607-254-1366.

POSTDOCTORAL POSITION. Available immediately in an established and productive research program to investigate intracellular cholesterol metabolism and protein expression in macrophages using cell biological and biochemical approaches. Send curriculum vitae to: Dr. Ira Tabas Department of Medicine Columbia University 630 West 168th Street New York, NY 10032

POSTDOCTORAL POSITION. Available immediately to work on the molecular cloning and expression of human DNA polymerases a and e. Applicants should have a recent Ph.D. with a strong background in molecular cloning techniques and interests in the molecular aspects of DNA replication. Send curriculum vitae and names and addresses of three references to: Marietta Lee, Ph.D., University of Miami, Department of Medicine (K-87), P.O. Box 016960, Miami, FL 33101.

POSTDOCTORAL POSITION in PARASITE MOLECULAR BIOLOGY. A position is available for an individual with a Ph.D. or equivalent degree in biochemistry, molecular biology, parasitology, or microbiology to investigate the molecular biology of erythrocyte invasion by the rickettsial parasite, Anaplasma marginale. A. marginale is unique among rickettsia in its invasion of a non-nucleated cell type. Parasite surface proteins involved in the invasion process will be identified, molecularly cloned, and characterized. Recombinant products based on these surface proteins will be isolated and tested for their immunoprotective efficacy in cattle. Interested individuals should send curriculum vitae, statement of research goals, and three letters of reference to: Dr. David R. Allred, Department of Infectious Diseases, Building 471 Mowry Road, IFAS 633, University of Florida, Gainesville, FL 32611. The University of Florida is an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITION available immediately. Involves site-directed mutagenesis of a dihydrofolate reductase gene, selection of functional second-site revertants of these mutant genes, followed by kinetic characterization of the mutant enzymes. Experience in molecular biology and enzymology desirable. Salary competitive with experience. This is an NIH-funded position and is available for 1 to 2 years. Please send curriculum vitae and names of three references to: Dr. Elizabeth Howell, Biochemistry Department, University of Tennessee, Knoxville, TN 37996-0840. UT Knoxville is an Equal Opportunity/Affirmative Action/Title VI, Section 504 Employer.

CAREER OPPORTUNITIES

CAS, the world leader in chemical information services, has several openings for professionals who want to analyze and document chemical literature. While editorial experience is not required, a good command of the English language is needed. These are full-time career opportunities located in Columbus, Ohio. Our current needs are in these areas:

GENERAL BIOCHEMISTRY — MS or PhD is required.
ENDOCRINOLOGY — MS or PhD is required.
FOOD CHEMISTRY — MS or PhD is required.
MAMMALIAN PHYSIOLOGY — MS or PhD is required and reading knowledge of Japanese preferred.
ZOLOGY — MS or PhD is required.

Located in a growing and dynamic metropolitan area, Columbus, Ohio has excellent housing, cultural, recreational and transportation facilities. In addition to a competitive salary, CAS offers a professional working environment, flexible working hours, generous vacation, exceptional insurance programs, relocation reimbursement, and employer-paid retirement. To be considered, submit your resume to:

CHENICAL ABSTRACTS SERVICE Employment Department P.O. Box 3012 Columbus, Ohio 43210

An Equal Opportunity Employer MF/HV

Director/Vice President Research & Development Cellular Diagnostics

BioGenex Laboratories, a San Francisco Bay Area company involved in the cellular diagnostics field seeks a qualified candidate with prior training and expertise in the following areas:

- Immunopathology
- Analytical Immunocytopathology
- In Situ Hybridization

Applicants should possess strong management and research skills, and a successful track record in a fast paced environment. Prior industry experience helpful but not essential. BioGenex offers competitive compensation, excellent benefits, opportunity for advancement, and a prime location. Please send resume and salary history to:

BIOGENEX LABORATORIES
4600 Norris Canyon Rd.
San Ramon, CA 94583

Coors
BIOTECH, INC.

REGULATORY AFFAIRS MANAGER

Coors BioTech, Inc., is seeking a Regulatory Affairs Manager. The primary function of this position is to obtain regulatory and FDA approval for new products and ensure compliance with federal and state GMP's. This position is responsible for developing and implementing strategies for the earliest possible approvals of phase I through phase 4 application.

The incumbent will also be responsible for coordinating environmental health and safety activities including plant permitting, data reporting and waste reduction programs.

Candidates must have a BS/MS in a scientific discipline and specialized regulatory knowledge typically developed through 5 to 8 years experience in research and regulatory affairs in the food ingredient industry.

Qualified candidates may submit resume and salary history to:

Coors BioTech, Inc.
P.O. Box 62B
Johnstown, Colorado 80534
AA/EO Employer

26 OCTOBER 1990
**GROWTH FACTOR RESEARCH**

The Biochemistry Division has two positions available within the Growth Factor Research Department in the laboratories of Dr. Marvin Bayne and Dr. Kenneth Thomas. Our research efforts concentrate on the biochemistry and molecular biology of eukaryotic protein growth factors.

**POSTDOCTORAL FELLOWSHIP POSITION** - available for a recent Ph.D. degree or equivalent in Molecular Biology, Biochemistry or related areas to participate in research on fibroblast and vascular endothelial cell growth factors.

**STAFF BIOCHEMIST** - to participate in research on the cloning and expression of novel growth factor genes. Candidates should have a B.S./M.S. degree or equivalent in Molecular Biology or Biochemistry and at least 2-3 years of laboratory experience including cloning and recombinant DNA techniques. Experience in the expression of recombinant proteins in mammalian cell culture is also desired.

Merck Sharp and Dohme Research Laboratories is located in Rahway, New Jersey approximately 25 miles from New York City. Our salaries, benefits and growth potential are excellent. For consideration, please respond in writing by sending your resume with the names of three references to Human Resources Manager, Merck & Co., P.O. Box 2000, AD#50, Rahway, NJ 07065, R60-A3.

An equal opportunity/affirmative action employer

**ASSOCIATE SCIENTIST/RESEARCH ASSOCIATE**

Cetus Corporation researches, develops and produces pharmaceutical products for the treatment of cancer, autoimmunity and infectious diseases. We currently have an opening for an Associate Scientist/Research Associate to improve the production and screening of random peptides expressed on phage particles.

Working to develop this drug discovery technique, you will be searching for peptides that bind to proteins of therapeutic interest. Publication of results is encouraged. BS to PhD’s with a strong background in molecular biology will be considered. Familiarity with receptor binding is desirable.

We offer a competitive salary and benefits package. For consideration, please send your resume to Box 90248/ID, Cetus Corporation, 1400 Fifty-Third Street, Emeryville, CA 94608. We are an Equal Opportunity Employer.

**Biotechnology**

**CELL AND DEVELOPMENTAL BIOLOGISTS**

The College of Medicine and the Department of Cell and Structural Biology at the University of Illinois, Urbana-Champaign invite applications for a position at the ASSISTANT PROFESSOR level. This tenure track position will be available August 21, 1991. Applicants should hold the Ph.D. or M.D. degree or equivalent and show exceptional promise in research in the areas of cell or developmental biology. Responsibilities will include participation in teaching of Human Anatomy to medical students and graduate students. Salary will be commensurate with experience.

Substantial start-up funds and laboratory facilities are available to initiate new faculty research programs, for which the UIUC offers exceptional and broad-based supporting resources. These resources include a Transgenic Animal Facility; the Center for Electron Microscopy, the Genetic Engineering Facility, providing oligonucleotide and peptide synthesis and automated protein sequencing; the Cell Science Laboratory, which contains hybridoma and flow cytometry facilities; a molecular graphics facility; subsidized shops and animal care facilities; and a superb university library system. The UIUC is a National Center for Supercomputing Applications, and is home to the Beckman Institute for Advanced Science and Technology, which combines research in the physical and biological sciences. Many other units within the Schools of Life Sciences and Chemical Sciences, and the Colleges of Medicine and Engineering offer opportunities for interactions in the cellular and molecular sciences.

Urbana-Champaign combines the residential advantages of a medium-sized city (population 120,000) with outstanding cultural amenities within the University, and its location in east-central Illinois gives easy access to the cities of Chicago and St. Louis.

Applicants are requested to send a curriculum vita, a summary of research interests, and three letters of reference to:

JoAnn Cameron, Search Committee Chairman

College of Medicine at Urbana-Champaign

University of Illinois

190 Medical Sciences Building

506 South Mathews Avenue

Urbana, Illinois 61801

Telephone: (217) 333-1254

In order to ensure full consideration, applications should be received by January 4, 1991. Interviews may be conducted before January 4, 1991, but all applications received by that date will receive full consideration and the final selection will not be made until after that date.

The University of Illinois is an Affirmative Action, Equal Opportunity Employer.

**THE BIOGEN MISSION**

One of only three bio-pharmaceutical companies to show a profit in 1989, Biogen, Inc., is beginning its next growth stage as it becomes a fully integrated pharmaceutical company. Products are targeted for use in the AIDS therapeutics, cardiovascular, anti-inflammation, and selected cancer markets.

**Bioassay Scientist**

Working in an interactive and dynamic environment, you will develop, test and validate immunoassays and bioassays in support of product development work and clinical trials. This will involve developing conceptual designs and protocols for assays as well as evaluating assay results and modifying methods as needed. Additionally, you will participate in Product Team Meetings and communicate with other departments with regard to assay specifications and methods. You must have a PhD in Immunology or Cell Biology and at least 3-5 years of QA/QC industry experience in conducting and developing assays. Relevant experience will include immunoassays, particularly ELISAs, and in vitro bioassays involving mammalian cell lines. Computer experience with statistical analysis packages such as SAS, BMDP, Stat68 is essential. Supervisory experience is also a must.

Our compensation and benefits package is one of the best in the industry, and is designed to attract and retain the finest talent available.

To apply for this immediate opening, send your resume to Biogen, Inc., Ref. SMBS1026, 14 Cambridge Center, Cambridge, MA 02142. Biogen is an Equal Opportunity Employer.
ONCOLOGY
DRUG DISCOVERY

Bristol-Myers Squibb Pharmaceutical Research Institute, a worldwide leader in the development and marketing of sophisticated pharmaceutical, medical care consumer and nutritional products, has the following exceptional opportunities available with our Oncology Drug Discovery Group at our Wallingford, CT research facility.

Research Scientists

Immunchemistry - Ph.D in protein biochemistry or immunology with experience in protein purification and characterization, amino acid sequence determination, and structural and immunological characterization of monoclonal antibodies and antibody conjugates. (Dept. AZ-90-280)

Immune Regulation - Ph.D. in Protein Biochemistry with experience in protein purification and characterization. Position involves the isolation and characterization of novel intracellular targets of immunosuppressive agents. Experience with chromatography, HPLC, electrophoresis, western analysis, enzymology necessary and experience in immunological systems would be helpful. (Dept. AZ-90-281)

Radionuclide Targeting - Ph.D in Immunology or related field with a minimum of 2 years of relevant post doc research experience. Experience in radiobiology, animal tumor models, tumor biology, and antibody directed delivery systems. Responsibilities will include the development of novel approaches to cancer therapy using monoclonal antibody targeted delivery of radionuclides. The selected individual will develop strategies to evaluate radioimmuno conjugates in preclinical model systems. Applications will include both the detection and therapy of human tumors. (Dept. AZ-90-324)

Assistant/Associate Research Scientists

Molecular Engineering - BS/MS - Requires 2-4 years experience in molecular biology and technical strengths in DNA/RNA manipulation, PCR-related techniques; gene expression and cell culture is preferred. The successful candidate will construct novel genetically engineered molecules for the targeting of cancer cells and participate in the cloning of cytotoxic proteins. (Dept. AZ-90-248)

Molecular Biology - BS/MS - Requires 2-4 years experience in protein biochemistry and familiarity with the following: protein extraction/purification, PAGE, Western blotting, ELISA, cell culture; molecular biology experience is an advantage. This position involves the analysis of functional domains of proteins and their interaction with drugs. (Dept. AZ-90-255)

Molecular Biology - BS/MS - Requires 2-4 years experience in protein isolation, characterization and enzymology to pursue structure/function studies of proteins involved in cell cycle regulation. Experience in basic molecular biological techniques is an advantage. (Dept. AZ-90-283)

Immune Regulation - BS/MS - Study activation and signal transduction pathways in human T cells. Requires 2-5 years relevant experience and knowledge of T cell biology. Laboratory experience in tyrosine kinases, serine/threonine kinase, tyrosine phosphatases and the PI cycle highly desirable. Technical skills required include single and 2-D gel electrophoresis, Western blotting, in vitro activation assays, tissue culture, and radio labeling techniques. (Dept. AZ-90-357)

Immunotherapy - BS/MS in biological science with minimum of 2 years experience in in vivo and in vitro technique. Knowledge in cellular and/or tumor immunology desirable. Perform routine and specialized anti-tumor immunology studies associated with the evaluation of potential immunological agents. (Dept. AZ-90-321)

Drug Targeting - BA/BS/MS in Immunology, Cell Biology, Biochemistry or related area. Experience in immunoassays, protein/peptide biochemistry tissue culture. 2+ years experience required with undergraduate degree. Biological evaluation of in vivo and in vitro drug conjugates. Prepare and analyze MAb and drug conjugates. Develop and carry out immunoassays and bindings assays as required. (Dept. AZ-90-246)

Bristol-Myers Squibb careers offer the advantages of sustained growth, highly competitive salaries, extensive benefits and professional support in pursuing excellence. Please send resume with salary history (indicating department #) to: Bristol-Myers Squibb Pharmaceutical Research Institute, ATTN: AZ, P.O. Box 5101, Wallingford, CT 06492-7661. Equal Opportunity Employer, M/F/H/V.
POSTDOCTORAL POSITION. Center for Advanced Biotechnology and Medicine (CABM), Rutgers University. The successful candidate will have experience with experimental NMR, protein expression, purification, and analysis. The project will involve the development of new analytical NMR methods to study protein structure and function. Salary: $35,000 per year, depending on experience. Send curriculum vitae and names of three references to: Dr. Jonathan D. Hage, Director, Laboratory of Cell Biology, Rutgers University, New Brunswick, NJ 08901. Equal Opportunity Employer.

POSTDOCTORAL FELLOW. Position available for a recent Ph.D. in the field of molecular biology to study the role of DNA repair mechanisms in the development of tumors. The candidate will be expected to design and carry out experiments to investigate the molecular basis of DNA repair and its role in cancer development. Salary: $35,000, with potential for adjustment based on experience. Send curriculum vitae and the names of three references to: Dr. John E. Hughes, Department of Molecular Biology, University of California, San Diego, CA 92103. Equal Opportunity Employer.

POSTDOCTORAL TRAINEE POSITION. The Center for Insect Science is a multidisciplinary research program funded by the National Institute of General Medical Sciences. The program offers positions to Ph.D. candidates interested in pursuing research in the areas of insect biochemistry, genomics, and systems biology. The successful candidates will work with the laboratory of Dr. Mark Ewald, who is interested in elucidating the molecular mechanisms underlying insect development, behavior, and evolution. Salary: $35,000, with potential for adjustment based on experience. Send curriculum vitae and names of three references to: Dr. Mark Ewald, Department of Entomology, Oregon State University, Corvallis, OR 97331. Equal Opportunity Employer.

POSTDOCTORAL POSITION IN INSECT BIOCHEMISTRY. The position is available for a Ph.D. candidate interested in the study of insect biochemistry. The candidate will be expected to design and carry out experiments to investigate the role of lipids and lipoproteins in insect physiology. Salary: $35,000, with potential for adjustment based on experience. Send curriculum vitae and names of three references to: Dr. John E. Hughes, Department of Molecular Biology, University of California, San Diego, CA 92103. Equal Opportunity Employer.

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POSTDOCTORAL FELLOW/RESEARCH ASSOCIATE. For molecular genetics of signal transduction leading to growth and differentiation. Salary: $35,000, with potential for adjustment based on experience. Send curriculum vitae and names of three references to: Dr. John E. Hughes, Department of Molecular Biology, University of California, San Diego, CA 92103. Equal Opportunity Employer.

POSTDOCTORAL FELLOW/RESEARCH ASSOCIATE. Position available for a Ph.D. in the field of molecular biology to study the role of DNA repair mechanisms in the development of tumors. The candidate will be expected to design and carry out experiments to investigate the molecular basis of DNA repair and its role in cancer development. Salary: $35,000, with potential for adjustment based on experience. Send curriculum vitae and names of three references to: Dr. John E. Hughes, Department of Molecular Biology, University of California, San Diego, CA 92103. Equal Opportunity Employer.

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POSITIONS OPEN

POSTDOCTORAL ASSOCIATE. Fully funded position using site-directed mutants to study the catalytic mechanism and cellular function of the carbonic anhydrase isomerases. Opportunity to participate in cloning new isomerase genes and constructing transgenic animals. Recent Ph.D. with experience in recombinant DNA techniques needed. Please submit curriculum vitae and names of three references to: Dr. D. N. Silverman, J-267 Health Center, University of Florida, Gainesville, FL 32610-0267.

RESEARCH IN SIGNAL TRANSDUCTION

The University of Calgary Faculty of Medicine invites applications for a position as an ASSISTANT PROFESSOR from scientists with research interests in signal transduction and expertise in peptide synthesis and protein phosphorylation. Applicants require an M.D. and/or Ph.D. and postdoctoral research training. The successful candidate will be a member of a planned MRC Group on signal transduction, and will have 74% of time protected for research. The appointment is contingent on the success of the MRC Group Application. Remuneration will be commensurate with training and experience.

Please submit curriculum vitae, a statement of aims and research interests, and the names and addresses of three referees by 30 November 1990 to:

Search Committee
c/o Ms. G. Garnett
Cell Regulation Research Group
Health Sciences Centre 2521
The University of Calgary
3330 Hospital Drive, N.W.
Calgary, Alberta, Canada T2N 1N4

In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents of Canada. The University of Calgary has an Employment Equity Program and encourages applications from all qualified candidates, including women, aboriginal people, visible minorities, and people with disabilities.

RESEARCH POSITION IN ACADEMIC DEPARTMENT OF PATHOLOGY. The Department of Pathology at Stanford University School of Medicine seeks candidates for appointment at the level of ASSISTANT OR ASSOCIATE PROFESSOR. Individuals must have a record of scholarly productivity with scientific articles in peer-reviewed journals and evidence that these articles reflect significant contributions of the candidates in the design and conduct of studies. Also must be proof of scientific independence and the ability to obtain research funding. Of special interest are candidates with established credentials in the area of molecular biology including as it relates to clinical medicine. Preference will be given to individuals who can contribute to clinical service obligations, particularly in clinical pathology. Applicants should send curriculum vitae and names of references to: Klaus G. Benirschke, M.D., Professor and Chairman, Department of Pathology, Stanford University Medical School, Stanford University School of Medicine, Stanford, CA 94305. Stanford University is committed to increasing representation of women and members of minority groups in its faculty and particularly encourages applications from such candidates.

RESEARCH ASSOCIATE. For university in central Ohio. Participates in basic research activities of department; studies, records, and analyzes effects of various drugs including antipsychotics in the administration of barium enemas using standard radiologic techniques as well as magnetic resonance imaging; interprets radiologic studies in all modalities; makes recommendations to physicians; collaborates with faculty members on basic research, develops research projects and publishes papers in scholarly journals; acts as mentor to undergraduate medical students. No experience required in the job described but applicants will qualify with the following: M.D. in medicine and 2 years of experience with radiologic equipment including computerized scanners, nuclear magnetic resonance units, ultrasound units, and standard x-ray machines. Of the 2 years, at least 1 year of approved graduate medical experience in diagnostic radiology accredited by the American Board of Radiology. Forty hours per week, 8 a.m. to 5 p.m., Monday to Friday; $26,280 per year. Must have proof of legal authority to work permanently in the United States. Send résumé in duplicate (no calls) to: G. Maugans, J081260324, Ohio Bureau of Employment Services, P.O. Box 1618, Columbus, OH 43216.

26 OCTOBER 1990

Postdoctoral Research Fellowships

The PARKE-DAVIS Pharmaceutical Research Division of Warner-Lambert Company has initiated a multidisciplinary postdoctoral research program which will provide excellent opportunities to conduct basic research in emerging areas of biochemistry and cell biology.

Polymorphonuclear Leukocyte Activation – Fellowship #L

This Fellow will work in the Immunopathology Department to investigate the regulation of polymorphonuclear leukocyte activation. Research will involve biochemical and molecular characterization of signal transduction mechanisms which provide for differential regulation of cellular functions.

Applicants should have a Ph.D. in Biochemistry, Cell Biology, or related field. Relevant experience is desirable.

Pharmacokinetics and Drug Metabolism – Fellowship #2790

The Fellow will assess the biological barriers to successful systemic delivery of therapeutic entities which are peptidic by nature. To accomplish these goals, a multi-faceted program will be used, beginning with a knowledge of the physicochemical properties of the molecule. Appropriate in vivo, in situ and in vitro models will subsequently be selected and employed to describe biotransformation, biological transport and metabolism processes which may be rate-limiting to systemic availability. The Fellow will concentrate on the development of in vitro systems to model drug transport and metabolism in mammalian small intestine, with comparison to and support of in situ intestinal perfusions in rats. The intent of this work is to aid in the discovery and design of therapeutic peptides and analogs which are bioavailable after oral administration.

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

Appointments are for one year, renewable for a second year. Compensation includes $32,000 annual salary with relocation expenses and a comprehensive benefits package.

Our modern, growing research facilities in Ann Arbor provide an outstanding working environment. Interested individuals should send their CV and references to Mr. Jack Moyer, PARKE-DAVIS, Pharmaceutical Research Division, 2800 Plymouth Road, Ann Arbor, MI 48105. Please refer to fellowship number when applying. "Smoke-Free Work Environment"

"Equal Opportunity in Action"
The Boyce Thompson Institute at Cornell University invites applications for a postdoctoral assistant or associate scientist position in the Plant Molecular Biology Program. Candidates using molecular or genetic techniques to solve fundamental problems in plant development are encouraged to apply. The successful candidate will be expected to establish a vigorous, independent research program, and to collaborate with Institute and Cornell faculty. Candidates with outstanding records in postdoctoral, assistant professor, or equivalent positions will be considered. Submit curriculum vitae, statement of research interests, and three letters of reference by 7 January 1991 to: Dr. H. Alan Wood, Chair, Search Committee, Boyce Thompson Institute, Tower Road, Ithaca, NY 14853.

Boyce Thompson Institute is an Affirmative Action/Equal Opportunity Employer. Women and minorities are encouraged to apply.

PLANT BIOLOGIST. To conduct research in the area of plant virology including work on developing alfalfa mosaic virus which is resistant to the Alfalfa Mosaic Virus; will be responsible for obtaining numerous viral antisera, and for development of new, quick ELISA test for detection of virus in plant tissue and isolation and purification of viruses using various techniques; involves isolation of genes to genetically develop resistant plants; involves use of radioactive isotopes to label antibodies; use statistics to develop experimental design so data can be statistically analyzed. M.S. in plant pathology or related field with major concentration in plant virology plus experience using ELISA, dot blot, hybridoma fusion, antibody isotyping, antibody labeling, immunoblotting, epitope competition assays, cellulon sensitivity purification technology, and handling of radioactive isotopes. Must have some statistics coursework. Four hours per week; $28,000 per year. Send resume to: Job Service of Iowa, 150 Des Moines Street, Des Moines, IA 50309. Refer to: Job Order Number IA0333709.

CANCER CELL BIOLOGY. The Department of Surgery, Cornell University Medical College, invites applications for the position of RESEARCH ASSOCIATE in a laboratory studying site-specific metastasis. The position is available immediately. Informal inquiries should be directed to: Dr. Giles Whalen, Department of Surgery. Phone: 212-746-5434. Applicant should send curriculum vitae with the names of at least two references to: Veronica Johannsen, Department of Surgery, 525 East 68th Street, Room F-739, New York, NY 10021.

The U.S. Environmental Protection Agency (EPA), Environmental Laboratory (EL), Duluth, Minnesota, is determining the availability of a RESEARCH ECOCOLOGIST with wetlands experience to fill an expected vacancy. The exact date of hire is not yet determined although the target date is early 1991. Responsibilities will include the continued development of an on-going experimental program investigating the effects of wetlands on water quality and water quality effects on wetland integrity. The goal is to establish a scientific basis for water quality standards to protect wetlands. Results from these studies will be expected to be applicable to EPA's regulatory role and contribute to basic wetland science.

A Ph.D. with a major degree in ecology or a related field will be considered although postdoctoral candidates with wetland research experience will also be evaluated. Salary range ($29,891 to $38,855) will be commensurate with experience.

For further information, contact William Sanville, telephone: 218-720-5773, or write: U.S. Environmental Protection Agency, 6201 Congdon Boulevard, Duluth, MN 55804. Attention: Sherry Linder.

The U.S. EPA is an Equal Opportunity Employer.
**USDA NATIONAL NEEDS GRADUATE FELLOWSHIPS**

**University of Missouri**

Highly qualified candidates seeking the Ph.D. degree are invited to apply for these prestigious fellowships within the Food for the 21st Century Program at the University of Missouri-Columbia. These awards provide $15,000 per annum plus tuition waivers in the following areas:

**Animal Reproductive Biology**

Dr. R. Michael Roberts  
158 Animal Science Research Center  
Tel: 314-882-7957  
Fax: 314-882-6827

**Plant Biotechnology**

Dr. Doug Randall  
117 Schweitzer  
Tel: 314-882-4847  
Fax: 314-882-5635

**Food Engineering**

Dr. Fu-Hung Hsieh  
248 Ag Engineering  
Tel: 314-882-2444  
Fax: 314-882-1115

Send letter stating interest, resume, three letters of reference and transcript to appropriate person listed above.

University of Missouri  
Columbia, Missouri 65211

The University of Missouri is an Equal Opportunity Employer

**MARKETING MANAGER DNA BUSINESS UNIT**

Marketing manager sought by the industry leader in the design, manufacturing, and sales of sophisticated instrument/reagent systems for life science research. The candidate must have extensive experience managing creative marketing professionals in a leading-edge, high-technology based organization.

As a marketing professional, the candidate should have demonstrated success in the development and implementation of comprehensive marketing programs, including the analysis and prediction of market needs, design of product strategies to meet these needs, and development of marketing communications tools to position the company's regional marketing and sales groups to effectively promote and sell the products. Sales and international experience, as well as an understanding of the fundamentals of molecular biology, are desirable attributes.

As part of the senior management team of the business unit, the marketing manager must work effectively with managers in other functions, including R & D, manufacturing, service, sales, and finance. The candidate should have experience championing the role of marketing in a high-technology environment, as well as analyzing the contributions of all company functions to product profitability.

As a team leader, the marketing manager should be highly skilled at mentoring the business unit product managers and marketing communications manager. With them, the marketing manager will be responsible for developing and managing the marketing resources and budget necessary to meet the business unit goals.

We offer competitive salaries and benefits, including relocation assistance. For immediate consideration, please send your resume indicating Reference # 0550 to ABI, Human Resources Dept., 850 Lincoln Centre Drive, Foster City, CA 94404. We are an equal opportunity employer m/f/h/v.

**CELL SCIENCES**

**POSTDOCTORAL SCIENTIST**

SmithKline Beecham Pharmaceuticals, a worldwide leader in pharmaceutical research, has a challenging opportunity for a postdoctoral scientist to join its Immunology Section in the Department of Cell Sciences. The successful candidate will investigate the pharmacological manipulation of suppressor-cell induction for the treatment of autoimmune disease. Applicants should have experience in in vitro and in vivo immunological techniques including suppressor-cell induction/evaluation and phenotyping, antigen presentation, antibody synthesis, and delayed-type hypersensitivity, suppressor factor isolation and purification. The role of colony stimulating factors in suppressor-cell induction will also be investigated.

Qualified candidates will have a Ph.D. in Immunology, Microbiology, Biochemistry, or related field; experience in immunological techniques; knowledge and experience in biochemical purification techniques; and experience in evaluation of colony stimulating activity (soft agar techniques) is highly desired.

Our state-of-the-art research facility is located in suburban Philadelphia near Valley Forge, PA. We offer a competitive compensation/benefits package as well as the opportunity for growth in a scientifically intense environment structured on creativity, teamwork and commitment. Please send your C.V. to: Nancy Hasson, Employment Administrator, H0146A, SmithKline Beecham Pharmaceuticals, P.O. Box 1539, King of Prussia, PA 19406-0939. We are an Equal Opportunity Employer, M/F/H/V.
INTERESTED IN SPACE BIOLOGY?

The advent of the shuttle program has produced a new era for space biology that offers exceptional opportunities for those with training and expertise in these areas. The staff at NASA's Biomedical Research Institute (BRI) seek trainees, scientists, and administrators interested in pursuing space biology careers. Positions open at the Biomedical Research Institute are available in a variety of areas, including molecular biology, cell biology, virology, and space physiology. Interested candidates should send their curriculum vitae, statement of research interests, and names of three references to:

Dr. John W. Smith, Director of BRI, Room 1117, Moscow, Idaho 83843-0562.

POSITIONS OPEN

ACADEMIC MEDICAL RESEARCHER. The Portland Veterans Affairs Medical Center (PVAMC) and the Oregon Health and Science University (OHSU) seek at least one accomplished biomedical scientist with M.D. or Ph.D. degree for the position of ASSOCIATE CHIEF OF STAFF, BIOLOGY and PHARMACOLOGY. He/she will be responsible for administering the PVAMC research program, coordinating the relationship between research and the VA, and OHSU, and representing the PVAMC's research program to VA Central Office. This position will have significant program and faculty development responsibilities. The successful candidate will be expected to establish own research program. The individual should have the qualifications for appointment as an associate or full professor in the appropriate departments. The position requires a Ph.D., M.D., or Ph.D./M.D. degree with at least 3 years of research experience in a related field. Experience in the leadership of research projects is desired. Please send curriculum vitae, including bibliography and the names of at least three references, to 25 November 1990, to: John Cranford, Ph.D., Chair, Search Committee Research Service (151), VA Medical Center, P.O. Box 1034, Portland, OR 97207. An Equal Opportunity Employer.

RESEARCH SCIENTIST. Ph.D. in biophysics or related fields, with research experience in the physical properties of membranes. Should have working knowledge in electron microscopy, x-ray diffraction, fluorescence spectroscopy, NMR, transport and fusion as applies for membranes, protein and lipid interactions, analysis, and contamination of biological samples. For send resume in duplicate (no calls) to: C. Bussard, JO#1206220, Ohio Bureau of Employment Services, P.O. Box 1618, Columbus, OH 43216. Equal Opportunity Employer.

SENIOR RESEARCHER. For production of biological compounds. Develops new processes and methodologies, conducts research, tests chemical, organizes and prepares data, and reports and advises laboratory technicians. Must know how to use TLC, HPLC, NMR, GC, NMR, and optical meter and mass spectrometer. Must possess knowledge in biological activity tests and enzyme mechanisms. Minimum requirements: Ph.D. in organic chemistry and 3 years experience, or 2 years as chemical laboratory researcher. Salary: $1337 per month; 40 hours per week. If offered employment, must show proof of legal authorization to work permanently in the United States. Send resumes in duplicate (no calls) to: C. Bussard, JO#1206220, Ohio Bureau of Employment Services, P.O. Box 1618, Columbus, OH 43216. Equal Opportunity Employer.

MEDICAL MARKETING RESEARCHERS

Analytically creative and articulate Ph.D./M.A.'s in natural sciences or psychology needed for entry level positions in health care marketing research/consulting (starting salary: high $20,000 to mid $30,000). Requires strong conceptual ability, analytic problem-solving skills, comfort in leading group discussions with M.D's., excellent writing (beyond technical articles), and statistical skills. Send resume to: Alfred E. Goldman, Ph.D., Senior Vice President, National Analysts, Division of Booz, Allen and Hamilton, Inc., 1700 Market Street, Philadelphia, PA 19103. An Affirmative Action Employer.

LABORATORY SCIENTIST III. Full-time position in the Nutrition Laboratory is available at the University of Maryland Eastern Shore (UMES), Princess Anne, Maryland. Applicants must have knowledge of field and desire to conduct research in the areas of nutrition and metabolic research. Salary: $13-15 per hour. Salary dependent on experience. For additional information contact: Dr. E. Reed, UMES, Princess Anne, Maryland. A three-year commitment is required. Send letter of application and resume to: Personnel Director, University of Maryland Eastern Shore, Princess Anne, MD 21853. Closing date for applications is 15 May 1990. Position is open until filled. An Affirmative Action/Equal Opportunity Employer.

STAFF SCIENTISTS @ BOSTON BIOMEDICAL RESEARCH INSTITUTE

Applications are invited from scientists to conduct independent research programs in the broad areas of molecular or cellular biology. Rank will be commensurate with experience and achievements. Candidates must be able to obtain extramural funding. The institute is an independent nonprofit research organization with excellent research facilities and a stimulating scholarly environment. Interested candidates should send their curriculum vitae, statement of research interests, and names of three references to:

Dr. Larry J. Moeser, Director, Boston Biomedical Research Institute, 20 Stanford Street, Boston, MA 02114. Boston Biomedical Research Institute is an Equal Opportunity Employer.

SCIENTIST

A major sunbelt cardiovascular prosthesis manufacturer seeks Ph.D.'s in biochemistry or biomechanics with several years of experience. Will be involved in the research, development, and characterization of collagen containing biomaterials emphasis on biomechanics and calculation. We offer competitive salary and a wide range of benefits. Please forward resume to: Box 117, SCIENCE.

ANNOUNCEMENTS

GREAT LAKES GRADUATE FELLOWSHIP AWARDS

The International Association for Great Lakes Research (IAGLR), supported by funding from the C. S. Mott Foundation, annually awards fellowships to each of three Canadian (one Ph.D.; two M.Sc.) and three U.S. students (one Ph.D.; two M.Sc.). The program supports high quality research on toxic contaminants of North America's Laurentian Great Lakes (e.g., the study of transport, fate, and management of toxins and/or their impact on human and environmental health). Candidates must be Canadian or U.S. citizens and must be enrolled in recognized Canadian or U.S. universities supporting active Great Lakes research programs. These awards provide $17,000 (U.S.) each, to two doctoral candidate and $8,500 (U.S.) to each master's degree candidate. For more information and application materials, contact: IAGLR Business Office, University of Michigan, 2200 Bonisteel Boulevard, Ann Arbor, MI 48109. Application deadline is 1 January 1991.

SITUATIONS WANTED

BIOCHEMIST with 20 years of experience in computer modeling and simulation of chemical and biological systems seeks research position or consulting. Box 114, SCIENCE with previous experience in microbiology.

BIOLOGIST with 1 1/2 years of postdoctoral experience seeks health-related biomedical research and/or teaching. Experience: DNA damage, tissue culture, molecular biology, computers. Box 97, SCIENCE.

CONSERVATION BIOLOGIST. Highly motivated, enterprising, published inenvironmental, seeking a post-doctoral position in field/lab research. All areas are of interest. Scott R. Campbell, 16 East 36th Street, Reading, PA 19060. Telephone: 215-779-1511.

MOLECULAR BIOLOGIST, Ph.D. (1981). Virology, gene expression, recombinant DNA. Seeking industrial/academic research position in United States or Europe. Box 56, SCIENCE.

Ph.D. expert in risk communication, risk perception, technological hazard management, environmental policy, academic/government experience, seeks senior research or teaching position. Box 118, SCIENCE.

VIROLOGIST, 23 years of experience in food and water virology. Research, administration, publications. Seeking chairman/ research/administrative position. B.S. degree. Box 119, SCIENCE.

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SCIENCE, VOL. 250
European Opportunities for Ph.D. Environmental Scientists

THE OPENINGS
Procter & Gamble has several entry-level openings for environmental scientists with Ph.D. or postdoctoral training in the following disciplines:
- Biochemistry
- Microbiology
- Toxicology
- Chemistry
- Biology
- Sanitary Engineering
- Soil Sciences
- Ecology
- Agricultural Engineering

THE POSITIONS
The openings for these disciplines are in environmental toxicology and chemistry in our Research and Development locations in Brussels, Belgium and Schwalbach, (near Frankfurt) Germany.

THE CANDIDATES
The candidates will have excellent academic records, good communication skills and a good command of English. Applicants must be fluent in at least one of the following languages: Dutch, French, German, Italian, Spanish or Greek.
The candidates should be free of military service obligations.
Employment is contingent upon possession of citizenship or immigration visa for European Community or Scandinavian countries, Austria or Switzerland.

THE COMPANY
Procter & Gamble is a research and development-based international corporation with more than $24 billion in worldwide sales in household consumer products and an R&D budget of just under $700 million.
In Europe, the Middle East and North Africa, Procter & Gamble is engaged in the research and development, manufacture and sale of a wide range of household consumer products including detergents, fabric-care products, toilet soaps, beauty and health-care products, disposable personal hygiene products, household care products and beverages.

THE OFFER
We offer starting positions for a research and development career in a successful, strong, and growing company and in an environment which will stimulate personal and professional growth. We have a policy of 'promotion from within' based on contribution and potential. Salaries are highly competitive and coupled with an excellent benefits package which provides for pensions, health care and paid relocation.

APPLICATIONS
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- Dr. T. J. Logan, Manager
- Ph.D. Recruiting
- European Environmental Scientists
- THE PROCTER & GAMBLE COMPANY
- Miami Valley Laboratories
- P.O. Box 398707, Cincinnati, Ohio 45239-8707

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