LINE CLASSIFIED ADVERTISEMENTS

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

HOW TO SUBMIT A CLASSIFIED AD: Prepare double-spaced typewritten ad copy on a separate sheet. Do not abbreviate. Science will edit and typeset ads according to Science guidelines. Deadline for applications stated in ad must be at least 2 weeks after date of publication. Also include a cover sheet which gives name and phone number of contact person, desired date of publication, and billing information, including any special invoicing requests. Mail or FAX materials to:

SCIENCE Classified Advertising
1234 Fifth Street, N.W., Room 840
Washington, DC 20005
Telephone: 202-326-6555
FAX: 202-822-6818

CLASSIFICATIONS: Science publishes line classified advertisements in the sections Personnel Placement and Personal Classifieds. To request that your classified ad be included in the Personnel Placement section, please indicate your classification and completed space requirements. In addition, please include the following:

HOW TO CALCULATE RATE FOR CLASSIFIED AD: Ad rates are $4.50 per word with a $140 minimum. Each line of centered heading counts as one word. Also count one word for each blank space between heading and first line of text. All partial lines are also counted as full lines (including all centered reply information).

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

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

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

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

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

DISPLAY PERSONNEL ADVERTISEMENTS

For rates, deadlines, and information about fractional display ads (all ads 1/6 page and larger) and all Marketplace listings of available products and services, contact:

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

CONDITIONS: Personnel advertising is accepted only with the understanding that the advertiser does not discriminate among applicants on the basis of race, sex, religion, age, color, national origin, handicap, or sexual orientation. Science reserves the right, at its discretion, to decline to publish advertisements submitted to it and to decline classifications which it considers misleading.

POSITIONS OPEN

ANTANOMIST. The Department of Anatomy, University of South Dakota School of Medicine invites applications for a tenure-track position at ASSISTANT PROFESSOR level. Applicants should have a Ph.D. and postdoctoral experience. Candidates are expected to develop a competitive research program involving scientific and/or clinical research. The candidate must have previous research training in molecular biology and in transmembrane nutrient and ion transport. Position requires an M.D. or research doctorate (Ph.D.) degree and at least 1 year of relevant postdoctoral experience. Salary: $40,000; 40 hours per week. Send curriculum vitae to: George Department of Anatomy, School of Medicine, 1 East Clark Street, Vermillion, SD 57069. Affirmative Action/Equal Opportunity Employer.

ASSISTANT PROFESSOR OF NUTRITION

Applications for a tenure-track, 12-month appointment at the University of Missouri–Columbia will be accepted until 1 August 1991, or until the position is filled. Applicants should have a Ph.D. in nutritional science, biochemistry or related area, and postdoctoral experience is preferred. The successful candidate will be expected to develop a competitive, innovative research program utilizing modern biochemical and/or molecular techniques to study nutritional interactions; the position includes some teaching responsibilities. Competitive salary, start-up funds and technical help are included. Send curriculum vitae, statement of research interests, and three references to: Dr. Wesley W. Parke, Chairperson, Department of Anatomy, University of South Dakota School of Medicine, Vermillion, SD 57069. Affirmative Action/Equal Opportunity Employer.

DENTAL REGISTRAR

An Opening exists at the University of Missouri–Columbia for a dental registrar. Responsibilities include, but are not limited to, clerical duties in the dental school's main office, processing all patient forms and requests for appointments, scheduling procedures and appointments, answering phone calls, and coordinating student schedules. A high school diploma and previous dental experience are required. Salary is commensurate with experience. Send resume to: University of Missouri–Columbia, School of Dentistry, Department of Dental Science, 2275 S. Stadium Blvd., Columbia, MO 65211. Affirmative Action/Equal Opportunity Employer.

POSITIONS OPEN

ASSISTANT PROFESSOR RESEARCH TRACK

Nontenured faculty position available to develop and coordinate research projects involving molecular and physiological effects of insulin on nutrient and ion transport by human peripheral blood mononuclear cells. The candidate must have previous research training in molecular biology and in transmembrane nutrient and ion transport. Position requires an M.D. or research doctorate (Ph.D.) degree and at least 1 year of relevant postdoctoral experience. Salary: $40,000; 40 hours per week. Send curriculum vitae to: Dr. Douglas A. Mathison, Department of Microbiology, Science Building, University of Alabama at Birmingham, Birmingham, AL 35294. Affirmative Action/Equal Opportunity Employer.

PEDIATRIC OTOLOGY/ENT RESEARCH TRACK

Applications are invited for a tenure appointed position as assistant professor in the Department of Otolaryngology (job reference # 1780). Applicants should have a Ph.D., M.D. or equivalent. Preference will be given to individuals with experience in basic science research relevant to the field of otolaryngology or ear, nose and throat surgery. Additional qualifications include the ability to develop an extramurally funded research program. Applicants should submit a detailed curriculum vitae, a letter of interest, and the names of three references to: Dr. J. Ronald Kilgore, Department of Otolaryngology, University of Alabama at Birmingham, Birmingham, AL 35294. Affirmative Action/Equal Opportunity Employer.

LIMNOLGOY UNIVERSITY OF LUND, SWEDEN

FULL PROFESSOR

Applications are invited for a tenured appointment as full professor in the Department of Biology at the University of Lunds (job reference # 5847). Applicants should be highly qualified limnologists with an exceptional research record. Broad interest in aquatic ecology, including marine ecology, is desirable. The successful candidate will be expected to establish an active research program, demonstrate good teaching ability, and participate in developing interdisciplinary programs in teaching and research. Moreover, he/she will provide research leadership to the whole institute. The appointee is expected to teach and supervise up to 18 months of his arrival. The candidate is required to submit, in English, one copy of his/her current curriculum vitae, a list of scientific publications, and a statement of past and future research activities and teaching experience, all to be signed and duly witnessed, as well as four copies of all reprints. Application materials except for reprints must be received by 5 June 1991. Applications of interest will be reviewed by an advisory committee consisting of seven active scientists. Applications should be submitted to: University of Lunds, Box 117, S-22100 Lunds, Sweden. FAX: 46-46-104610. For more information, contact: Dr. Lars Leonardson, Limnology, Box 65, S-22100 Lunds, Sweden. Telephone: 46-46-104543. FAX: 46-46-104556.

EXECUTIVE DIRECTOR LEADING SCIENTIFIC SOCIETY (7000 MEMBERS)

Responsibilities include:

• Business management
• Annual meeting/exhibits
• Conferences
• Provide liaison and support to seven active committees
• Publications
• Public affairs
• Represent society at national/international organizations

Note: Successful candidate need not be a scientist but experience working within an academic or industrial organization administering a scientific organization will be favorably considered.

Send detailed curriculum vitae and salary requirements to:

Search Committee
The American Society for Cell Biology
9650 Rockville Pike
Bethesda, MD 20814

17 MAY 1991
PERSONNEL PLACEMENT 1025
UNIVERSITY OF DETROIT MERCY
DEPARTMENT IN THE COLLEGE OF ENGINEERING AND SCIENCE

The University of Detroit Mercy seeks candidates for the position of dean of the College of Engineering and Science. The college has the following departments: biology, chemistry, chemical engineering, civil engineering, electrical engineering, and mechanical engineering offering bachelor's and master's programs; doctoral programs in chemistry and engineering; and a master of engineering program.

The university has eight colleges and schools and a student body of 7500 undergraduate and graduate students, is located on campuses in residential northwest Detroit.

Candidates should possess an earned doctorate in a discipline within the college; teaching experience with demonstrated scholarship in the classroom, research, and scholarly publications; grantmanship; demonstrated administrative leadership; and the ability to interact productively both internally and externally.

The responsibilities of the dean include: faculty, staff, and student relations; program and resources management; external relations; and strategic planning and leadership.

Screening of candidates began on 13 May 1991 and will continue until the position is filled. Send current résumé, letter of application, and three letters of reference to: The Dean, 45 Invernus on the Park, Detroit, MI 48221.

A PROGRAM COORDINATOR is sought to help develop and maintain a research program in aquatic radiocronology. The research involves studies on the transport and distribution of radiocron damages in large reservoirs and development of ancillary information on hydrology, limnology, and aquatic biology. The individual is expected to coordinate research among several organizations, supervise technical and clerical staff, and assist graduate students and visiting scientists. The coordinator must have a master's degree in aquatic biology or a related field and experience in radiocron measurements, chemistry, limnology, and research facility development; experience with geographic information systems; and U.S. citizenship and eligibility for a government clearance. Send résumé and three letters of reference by 3 June 1991 to: Dr. Fred White, Michigan Department of Natural Resources, Fisheries and Wildlife, 10200 W. Empingham Drive, Stockbridge, MI 48888.

COMING NEXT WEEK:

Science's first ever issue on Careers in Science

POSITIONS OPEN

TRANSPLANTATION IMMUNOLOGIST DIRECTOR OF RESEARCH

We are seeking a Ph.D. immunologist with postdoctoral experience in transplantation biology to direct research activities in the Section of Transplantation in the Department of Immunology and Pathogenesis at the University of Colorado at Denver, Colorado. This individual would organize and manage the research activities of the Section of Transplantation and would be responsible for the recruitment and development of new junior faculty. This is a long-term position.

Send résumé, letter of interest, and three letters of recommendation to: Dr. Charles W. Knapp, Chairman, Department of Immunology and Pathogenesis, University of Colorado at Denver, 1260 Speer Boulevard, Denver, CO 80220-3127.

COURSES OPEN

ANALYTICAL CHEMISTRY

A one-year course in analytical chemistry is being offered by the Department of Chemistry at The University of Michigan. The course will cover the fundamentals of analytical chemistry, including methods of analysis, spectroscopy, chromatography, and electrochemistry. The course will meet on Tuesdays and Thursdays from 9:00 to 10:30 AM. The course will be taught by Dr. John D. Smith.

Applications should be sent to: The Department of Chemistry, University of Michigan, 231 N. State Street, Ann Arbor, MI 48109-1122. Applications received by 1 June 1991 will receive full consideration.

The University of Michigan is an Equal Opportunity/Affirmative Action Employer and a Tobacco-Free Campus.
POSITIONS OPEN

IMMUNOLOGY FACULTY POSITION. The Department of Veterinary Microbiology and Parasitology invites applications for an ASSISTANT/ASSOCIATE PROFESSOR position. The successful candidate will participate in teaching veterinary and graduate immunology, in the guidance of graduate students, and will develop a research program. Applicants must have a Ph.D. or D.V.M. /Ph.D. degree in immunology. Postdoctoral experience with significant research accomplishments in contemporary aspects of immunology and immune responses to infectious or parasitic agents would be beneficial. Send a letter of interest with curriculum vitae and three references to: Dr. T. R. Klei, Search Committee Chair, Department of Veterinary Microbiology and Parasitology, School of Veterinary Medicine, Louisiana State University (LSU), Baton Rouge, LA 70803. Application deadline is 15 June 1991 or until a suitable applicant is identified. LSU is an Affirmative Action/Equal Opportunity Employer. Women and minorities are encouraged to apply.

ENVIRONMENTAL EDUCATION SPECIALIST. Master's degree in science/environmental education, or relevant experience, required. Must have excellent oral and written communication skills. Will develop and implement the garden's expanded environmental education programs about the New York Botanical Garden Forest and urban natural areas for school-aged children and assist with research work. Duties include curriculum development, instruction, acting as liaison for schools, coordination of adjunct instructors, and logistics management for all project activities. Salary: high $20,000's plus excellent fringe benefits. Submit resume to: Personnel Administrator-EES, The New York Botanical Garden, 200th Street and Southern Boulevard, Bronx, NY 10458-5126. Affirmative Action/Equal Opportunity Employer.

HYPERTENSION RESEARCH CENTER THE UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY FACULTY POSITION IN MOLECULAR BIOLOGY

The Hypertension Research Center of the University of Medicine and Dentistry of New Jersey invites applications for an academic position at the ASSISTANT PROFESSOR or ASSOCIATE PROFESSOR rank (tenured track) for research in molecular biology with an emphasis in molecular genetics. Candidates must have training and experience in molecular biology, an interest in cardiovascular physiology or pathophysiology, and hold Ph.D. or M.D. degree. For application, submit curriculum vitae and three letters of reference to:

Ms. Patricia A. Peluso
University of Medicine and Dentistry of New Jersey
Hypertension Research Center
185 South Orange Avenue, MSB F-464
Newark, NJ 07103-2714

FACULTY POSITIONS IN TUMOR BIOLOGY UNIVERSITY OF TEXAS M. D. ANDERSON CANCER CENTER

The Department of Experimental Pediatrics of the University of Texas M. D. Anderson Cancer Center invites applications for a tenure-track position at the ASSISTANT or ASSOCIATE PROFESSOR level. The successful candidate will be expected to develop a strong and independent research program in the biology of tumors relevant to childhood and young adult malignancies. Minimum qualifications include a Ph.D. or M.D. with at least 3 to 5 years of postdoctoral research experience in basic cancer research, particularly in the areas of molecular cellular biology and/or molecular genetics. Candidates for assistant professor should have a demonstrated ability to develop an active, viable research program based on extramural support. Candidates for associate professor must have a significant publication record, an established research program, and demonstrated ability to attract extramural funding. Excellent new, well-equipped laboratories are available and excellent opportunities to collaborate with both clinical and basic research groups exist. The successful candidate will receive a generous start-up package, competitive salary, and excellent retirement benefits. Send curriculum vitae, a statement of research interests, selects reprints, and names and addresses of four references to: Dr. Francis Ali-Osman, Chairman, Department of Experimental Pediatrics, Box 87, University of Texas M. D. Anderson Cancer Center, 1515 Holcombe Boulevard, Houston, TX 77030.
**Post-Doctoral Position**

National Institute of Diabetes and Digestive and Kidney Diseases  
Phoenix, Arizona

A post-doctoral fellowship is available immediately for a recent Ph.D. or equivalent experience in biochemistry or related discipline to participate in studies of the mechanism by which insulin regulates Protein Tyrosine Phosphatase activity. Results of studies conducted in our laboratory suggest that abnormal regulation of skeletal muscle PTPase activity by insulin may be the primary defect responsible for insulin resistance and subsequent development of non-insulin dependent diabetes mellitus in humans. Available projects include: expression of new PTPase cDNAs from human muscle, purification and characterization of the expressed proteins, and mechanisms of regulation of these PTPases by covalent modification.

This position is funded through the NIH Intramural Research Training Award Program and has a starting annual stipend of $25,000 - $28,000, depending on length of previous post-doctoral experience.

Send curriculum vitae and letter of application to:

James Sommecorn, Ph.D.  
Clinical Diabetes and Nutrition Section  
National Institutes of Health  
4212 North 16th Street  
Room 541  
Phoenix, Arizona 85016

NIH is an Equal Opportunity Employer

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**Molecular Neurobiologist**  
Cell and Developmental Biologist  
Assistant Professor  
Meharry Medical College

Applications are invited for two tenure track positions at the Assistant Professor level beginning September, 1991 in the Division of Biomedical Sciences here at Meharry Medical College. Appointments are for candidates with an interest in molecular neurobiology and cell and developmental biology. Signal transduction is of special interest. The individuals will have teaching responsibilities for medical and graduate students and will be expected to maintain a funded research program. Active interdepartmental neuroscience, cell and molecular biology, and tropical diseases research programs exist and the individual will be expected to develop appropriate collaborations. Applicants should have a Ph.D. or M.D. and relevant postdoctoral experience and should provide curriculum vitae, summary of research plans, reprints of three representative publications, and the names of three references to:

Dr. George C. Hill  
Professor and Director  
Meharry Medical College  
Division of Biomedical Sciences  
1005 D. B. Todd, Jr., Blvd.  
Nashville, TN 37208  
(615) 327-6193

Applications will be accepted until position is filled. Initial review began May 1, 1991. Meharry Medical College is an Affirmative Action/Equal Opportunity Employer.

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SCIENCE Magazine  
New Lab Service Department  
1515 Broadway  
New York, NY 10036
STAFF SCIENTIST
MOLECULAR/CELLULAR
BIOLOGY

The Biology Division of the Oak Ridge National Laboratory is seeking an investigator to establish a research program involving targeted mutagenesis in transgenic mice. A PhD (molecular biology, biochemistry, or cell biology) with postdoctoral experience and demonstrated potential to attract extramural support is required. Core funding will be provided at a level commensurate with the candidate’s qualifications. Prior experience with embryonic stem cells and/or transgenic mice is preferred but not essential. The Biology Division of 50 senior staff members is engaged in diverse research related to health effects of energy production and utilization for the Office of Health and Environmental Research within the Department of Energy. The newly-created staff position reflects increased emphasis in functional genomic mapping and gene regulation in vivo and complements established programs in molecular biology that include insertional mutagenesis in mice.

Qualified applicant should forward resume, publication list, and names of three references to Dr. Fred C. Hartman, Director, Biology Division, Dept. SC-0505, P.O. Box 2000, Oak Ridge National Laboratory, Oak Ridge, TN 37831-8077. ORNL which is managed by Martin Marietta Energy Systems, Inc. for the USDOE, is an equal opportunity employer.

SANDOZ PHARMA LTD.,
a leading international pharmaceutical company based in Switzerland, wishes to appoint a
Pharmacologist/Biologist
with experience of animal models and of bone disorders.

The successful candidate will join our established osteology group to supervise the work of a research laboratory committed to the development of animal models of osteoporosis.

Sandoz Pharma Ltd. offers an excellent working environmental for scientists, with well-equipped laboratories and opportunities for publishing results and presenting them at international scientific meetings. A “flexitime” system is in operation, allowing considerable personal freedom in the question of working hours.

All applications will be treated with complete confidentiality. Please apply in writing, including a curriculum vitae and a list of publications, to:

Sandoz Pharma Ltd.
Personnel Department, Ref. 1430
P.O. Box
CH-4002 Basle, Switzerland
ACADEMIC NEUROSCIENTIST
UNIVERSITY OF NORTH CAROLINA (UNC)
CHAPEL HILL

The Division of Neurosurgery, University of North Carolina-Chapel Hill, is seeking two full-time Ph.D. faculty members. Faculty rank dependent upon the individual qualifications. Special expertise in CNS injury is required.

Interested applicants should forward their inquiries and curriculum vitae to: Steven K. Gudeman, M.D., Division of Neurosurgery, University of North Carolina-Chapel Hill, CB #7800, 148 Burnett Womack Building, UNC School of Medicine, Chapel Hill, NC 27599-7000. Telephone: 919-966-1374.

Fax: 919-966-6627

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

RESEARCH FACULTY

A full-time faculty research position is available at the University of Georgia’s Savannah River Ecology Laboratory located on the U.S. Department of Energy’s Savannah River Site in Aiken, South Carolina. Rank and salary are negotiable.

The person in this position will conduct research directed at understanding the processes and mechanisms that determine nutrient transport into and out of radio- nucleoids and other contaminants in soils, sediments, and water. Excellent research facilities and opportunities to teach courses and postdoctoral fellows are available. Qualifications include a Ph.D. in an appropriate field, experience with radioisotopes, and U.S. citizenship.

Send a résumé, reprints of several relevant publications, and names of four references by 30 June 1991 to:

Dr. Carl L. Strojan
Chair, Biochemistry Search Committee
Savannah River Ecology Laboratory
Drawer E
Aiken, SC 29802

An Equal Opportunity/Affirmative Action Institution.

POSTDOCTORAL POSITION IN NEUROSCIENCE

At Harvard Medical School and Children’s Hospital to study biochemical or molecular biological aspects of neuronal-glial interactions in the mammalian brain. Please send curriculum vitae, research interests, and three letters of reference to: Dr. Evan Dreyer, Department of Neurology, Enders 3, Children’s Hospital, 300 Longwood Avenue, Boston, MA 02115.

Affirmative Action/Equal Opportunity Employer.

POSTDOCTORAL POSITION IN TRANSPLANT IMMUNOLOGY

Applications are invited for a postdoctoral scientist to join our laboratory that is involved in transplantation immunology. Knowledge and experience with Southern and Northern blotting techniques, in vitro cloning and appropriate chain reactions are essential. Familiarity with experience in transplantation immunology is preferred. Excellent laboratory facilities and collaborative opportunities will be made available. The position is initially funded for 3 years. Inquiries should include curriculum vitae and three references.

James R. Baker, Jr., M.D.
Cio Theresa Wagner
University of Michigan Medical Center
Immunogenetics Research Laboratory
1150 West Medical Center Drive
Ann Arbor, MI 48109-0666

POSTDOCTORAL POSITION IN MOLECULAR AND CELLULAR VASCULAR BIOLOGY

Starting 1 July 1991, available for 2 years. Areas of study include molecular and cellular mechanisms of vascular cell migration and adhesion with emphasis on regulation of extracellular matrix synthesis and proteoglycans, integrin regulation and association, and proteoglycan-regulated gene expression in vascular cell behavior. Applicants should have a strong background in molecular and/or cell biology. Send curriculum vitae, a brief description of research interests, and three letters of reference to: Dr. Joseph A. Madri/Leonard Bell, Yale University School of Medicine, Professor of Medicine, 1083 New Haven Avenue, 310 Cedar Street, New Haven, CT 06510. Telephone: 203-785-2763/6843. FAX: 203-785-7360. We are strongly committed to active recruitment of minorities and women.

POSTDOCTORAL POSITION IN VASCULAR IMMUNOLOGY

A postdoctoral position is available to study the role and regulation of growth factors and their receptors in normal human microvascular systems and multiple biochemical, biological, and molecular biology techniques. Applicants should have a strong background in biochemistry or molecular biology. Send curriculum vitae and three letters of reference to: Dr. D. H. White, Department of Microbiology, University of Pittsburgh, Pittsburgh, PA 15261.

POSTDOCTORAL POSITION, SYNTHESIS OF NUCLEOSIDE ANTIVIRALS

Available immediately. Project: synthesis of new anti-HIV-1 nucleoside analogs. Send curriculum vitae and three letters of reference to: Dr. J. M. Reiss, Department of Biological Sciences, University of Utah, Salt Lake City, UT 84112.

POSTDOCTORAL POSITION, MEMORIAL SLOAN-KETTERING CANCER CENTER

POSTDOCTORAL POSITION. Available immediately, to investigate the role of growth factors in radiation-induced damage. Emphasis will be on the autocrine effects of growth factor (GF) in repair of radiation damage in endothelial cells. Studies will include biochemical, cell biology, and radiobiological research. A Ph.D. in cell biology is preferred. Send curriculum vitae, a statement of research experience and career goals, and the names, addresses, and telephone numbers of three references to: Dr. John Hildebrandt, Department of Pharmacology and Experimental Therapeutics, Memorial Sloan-Kettering Cancer Center, 171 Ashby Avenue, Charleston, SC 29425.

POSTDOCTORAL POSITION, UNIVERSITY OF CALIFORNIA LOS ANGELES (UCLA)

Molecular biologist sought to investigate cerebral microvascular endothelium. Projects available for cloning of brain capillary-specific genes, as well as antiangiogenic nucleotide drug delivery. Positions available in both 1991 and 1992. Candidate must have demonstrated proficiency in biochemical and recombinant DNA techniques. Competitive salary plus medical insurance. Send curriculum vitae to:

Dr. William M. Partridge
Brain Research Laboratory
UCSD School of Medicine
Los Angeles, CA 90024-1682

UCLA is an Affirmative Action/Equal Opportunity Employer.

MOLECULAR NEUROBIOLOGY POSTDOCTORAL POSITIONS


Send curriculum vitae and names of three references to: Dr. Joseph F. Podolsky, Molecular Neurobiology Laboratory, Departments of Neurology and Biochemistry/Molecular Biology, Mayo Clinic and Foundation, Rochester, MN 55905.

POSTDOCTORAL RESEARCH POSITION

The successful applicant (Ph.D. or M.D.) will study the regulation, synthesis, and kinetic properties of receptor-activated mammalian (fibroblast growth factor) tyrosine kinase. The investiga- tive involve protein isolation, cloning, and development of antibodies which will be used to study function. Please send curriculum vitae, a statement of research interests, and three letters of reference to: Dr. W. W. H. Brimijoin, Department of Neurology, University of Miami School of Medicine (UMS), 660 South Euclid Avenue, St. Louis, MO 63110. UMS is an Affirmative Action/Equal Opportunity Employer.

THOMPSON-MAYO FELLOWSHIP FOR BASIC RESEARCH ON ALCOHOL AND DRUGS OF ADDICTION: Two fellowships available. (1991 at Mayo Foundation, Rochester, Minnesota, for studies of the biological effects of either alcohol or other drugs of addiction. The research may be conducted in any of the research laboratories of the Mayo Foundation. Applicants must have appropriate academic credentials (M.D., Ph.D. or equivalent degree, or with postdoctoral training). Selection will be based on the qualifications of the applicant and will be made on a purely competitive basis by the Mayo Research Committee. Tenure of each fellowship will be 2 years. Salary and benefits are competitive. Send curriculum vitae, a statement of research interests, and three letters of reference to: Dr. W. W. H. Brimijoin, Department of Pharmacology, St. Jude Children’s Research Hospital, 2800 Martin Luther King Drive, Memphis, TN 38101. Telephone: 901-522-0440. FAX: 901-521-1668. Application materials should be received by 14 June 1991.


SCIENCE, VOL. 252
Clinical Research Pharmacokineticist
San Francisco Bay Area

Genentech, Inc., a leader in the field of biotechnology, has an immediate opening for a scientist in the Pharmacokinetic and Pharmacodynamic Section of our Safety Evaluation Division. This individual will interact with scientific personnel from all departments of the Company and will participate in the development of clinical pharmacokinetic strategies and clinical study activities. Also, the individual will design, analyze and report the results of select PK/PD studies in phases I/IV.

We require a Ph.D. in Pharmaceutical Sciences, Engineering or Toxicology with 2-4 years’ preclinical and/or clinical ADME industrial experience or a Pharm.D. with 3-5 years of clinical pharmacokinetic experience and publications. Clinical pharmacokinetic fellowship, macromolecule ADME and pharmacodynamic modeling experience preferred.

Genentech, Inc. offers an excellent salary and benefits package coupled with the opportunity to make a significant contribution to our organization. For consideration, please send your C.V. to Nancy Symonds, Genentech, Inc., Dept. NS/JM, 460 Point San Bruno Blvd., South San Francisco, CA 94080. We actively support and promote affirmative action and equal employment opportunity. Women and minorities are encouraged to apply.

Genentech, Inc.

Insect Control Group
Senior/Staff Scientist

CIBA-GEIGY Agricultural Division’s Biotechnology Research Unit in Research Triangle Park, NC is seeking a Ph.D. Scientist specializing in the molecular genetics of Bacillus thuringiensis. As part of an international research effort, you will develop novel strains, utilizing recombinant DNA technology. Strong product orientation is involved, as you will be accountable for bringing Bt products to market within an aggressive timetable.

To qualify, you must have at least 5 years of relevant experience, preferably with an industrial research background. A Ph.D. in microbiology, molecular biology or genetics is required. Proven supervisory and collaborative skills are essential to build and lead the project team.

CIBA-GEIGY offers a competitive salary, generous company-paid benefits and an environment conducive to professional growth. Please forward resume, three letters of professional reference and reprints of any published research, to: Dr. Mary-Dell Chilton, CIBA-GEIGY Corporation, Agricultural Division, PO Box 12257, Research Triangle Park, NC 27709. We Are An Equal Opportunity Employer M/F/H/V.

Director
Chesapeake Laboratory, The Academy of Natural Sciences

The Academy is seeking qualified candidates for Director of its estuarine lab on Chesapeake Bay. The Academy is internationally known for its pioneering research on aquatic ecosystems and this Chesapeake Laboratory, with a staff of 25, is part of a network of 3 labs with a total staff of 100. The stream-river-estuary continuum focuses on watershed processes that link basic and applied research at the Chesapeake Laboratory with programs throughout the Division. The Academy is completing a successful capital campaign to relocate to a new facility on the Chesapeake.

The successful candidate must have a distinguished research career in some aspect of aquatic science. The position of Director offers a unique opportunity to communicate science to a broad spectrum of the public, from policy-makers to corporate executives to interested citizens. The Director will maintain continuity of an existing, well-integrated research program, as well as explore new avenues for both team and individual research programs. There is an opportunity to continue a personal research program.

Please send curriculum vitae, a letter stating background and interests in environmental research, policy and public education, and the names and telephone numbers of four relevant references to: Dr. Louis E. Sage, VP Academy of Natural Sciences 1900 Benjamin Franklin Parkway Philadelphia, PA 19103-11195 An Equal Opportunity Employer.

PROTEIN X-RAY CRYSTALLOGRAPHER
National Institute of Allergy and Infectious Diseases
National Institutes of Health

A protein crystallography laboratory is being established with intramural AIDS funding to conduct an original research program and to interact with other scientists within the NIH intramural program. Applicants for director of the crystallography lab are being sought. Ph.D. or M.D. applicants should have a record of achievement in solving protein structures by X-ray crystallography. Salary and research resources will be commensurate with credentials and research experience.

Applicants should send curriculum vitae and names and addresses of at least three references to:
John E. Coligan, Ph.D.
Chairman, Search Committee
BRB, NIAID, NIH
Building 4, Room 413
9000 Rockville Pike
Bethesda, MD 20892
Telephone: 301-496-8247
Facsimile: 301-402-0284
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POSTDOCTORAL POSITIONS
LIPOPROTEIN BIOLOGY

The University of Chicago

Positions are available immediately to join NIH-funded projects examining aspects of hepatic lipoprotein assembly with specific emphasis on the relationship between the apolipoproteins and lipid metabolism. The successful candidate will be expected to provide technical assistance, to lead junior staff, and to serve as a major contributor in directing the work of the Lipid Metabolism Section. The candidate's work will involve analysis of gene expression in transgenic cell lines as well as primary cultures of human hepatocytes. Applicants should have a Ph.D. and experience in cell and/or molecular biology. Must be U.S. citizen or permanent resident. Send curriculum vitae to: Dr. J. S. Davidson, M.D., Department of Medicine, Box 400, The University of Chicago, 5841 South Maryland Avenue, Chicago, IL 60637. FAX: 312-702-2182. The University of Chicago is an Affirmative Action/Equal Opportunity Employer.

MACROMOLECULAR STRUCTURE

Several POSTDOCTORAL POSITIONS are available in computational and crystallographic studies of macromolecular structure. Computational research projects include the development of algorithms for structure solution in crystallography, analysis of structural data, and the prediction of intermolecular potentials. Paired with these are several experimental projects including the structures of oligonucleotides, large peptides, and small proteins. This is a new laboratory and will be moving to a new facility with state-of-the-art equipment and computational facilities. Ph.D. and experience in macromolecular crystallography or modeling is desirable, but candidates with other relevant experience are encouraged to apply. Please send curriculum vitae and three letters of recommendation: to: Professor Hiderand, University of Texas Health Science Center, 77030.

POSTDOCTORAL TRAINEEHIPS IN CANCER BIOLOGY

Applications are invited for positions in the NCI-supported “Training Program in Cancer Biology” of the Meyer L. Prentis Comprehensive Cancer Center of metropolitan Detroit. This center is composed of the two campuses of Wayne State University (the School of Medicine and main campus) and the Michigan Cancer Foundation. Initial appointment will be for a period of 1 year with renewal possible. Program provides for broad training of postdoctoral trainees in areas such as: breast cancer, metastasis, cancer immunology, carcinogenesis, tumor biology, molecular biology, drug synthesis, and experimental therapeutics.

Trainees are selected on their potential for future excellence and achievement in cancer research and are expected to undertake significant research projects within a variety of disciplines. NCI regulations require that the trainee be a permanent resident or U.S. citizen. Stipends begin at $23,600.

Application: Submit curriculum vitae and three references by 15 July 1991 to: Dr. S. C. Brookes, Department of Biochemistry, Wayne State University School of Medicine, 540 Canfield, Detroit, MI 48201.

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POSTDOCTORAL AND GRADUATE TRAINING IN INSECT NEUROBIOLOGY

The Arizona Research Laboratories (ARL), Division of Neurobiology, a research unit (13 tenure-track and research faculty, 50 trainees and postdoctoral associates) devoted to the study of brain and behavior in invertebrates and molecular neurobiology and neuroethology of insects, invites inquiries from postdoctoral fellows and predoctoral students. Inquiries, including current research projects, salary, start date, and names and addresses of three references, should be sent to: Dr. John G. Hildebrand, Director, ARL Division of Neurobiology, 6151 E. University Blvd., Tucson, AZ 85721. The University of Arizona is an Equal Opportunity/Affirmative Action Employer.

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Steven A. Rosenberg, M.D., Ph.D.
Chief, Surgery Branch
National Cancer Institute
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ANNOUNCEMENTS

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IFER, 530 West Jackson Boulevard, Chicago, IL 60604, or call: 312-427-6025.

There will be held a special "mid-year" opportunity for COMPETITIVE AWARDS in the NASA Space Biology Program for Research Associates. The mid-summer review will be held July 1991. The purpose of these awards is to provide postdoctoral grants is related to leading a better understanding of the gravitational environment. Eligibility: postdoctoral U.S. citizens. Awards ($18,000 to $22,000 dependent on experience) are for 12 months with the possibility of renewal. Rules and guidelines are available from: Dr. C. C. Mousorgas. The American Society for Microbiology, 1115Ard, School of Military Medicine, University of Louisville, Louisville, KY 40229. Telephone: 502-588-5564. FAX: 502-588-0085.

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