LINE CLASSIFIED ADVERTISEMENTS

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

HOW TO SUBMIT A CLASSIFIED AD: Prepare double-spaced typewritten ad copy on a separate sheet. Do not include any abbreviations. Science will edit and typset 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 special invoicing information, including any special invoicing requests. Mail or FAX materials to:

SCIENCE Classified Advertising
1333 H Street, N.W., Room 946
Washington, DC 20005
Telephone 202-326-5845
FAX: 202-682-0816

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

HOW TO CALCULATE RATE FOR CLASSIFIED AD: Ads are $41 per line with a $410 minimum. One line equals 52 characters and spaces; centered heading counts as one line. Also count one line for white space between headline and first line of text; all partial lines are also counted as full lines (including all centered reply information).

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

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

CREDIT CARDS: Science accepts MasterCard and VISA. Both personal and corporate cards are accepted. 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 visual appeal. To order this service, the ad takes up additional space, one line now equals 48 characters and spaces. Logos are not allowed 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:

Scherger Associates
1516 Broadway
New York, NY 10036
Telephone: 212-730-1050
FAX: 212-382-3725

CONDITIONS: Personnel advertising is accepted only in writing, and that the advertisers do not discriminate among applicants on the basis of race, sex, religion, age, color, national origin, handicap, or sex. Science reserves the right, at its discretion, to decline to publish advertisements, or to change to-line classifications which it considers misleading.

POSITIONS OPEN

ANIMAL SCIENCE, ASSISTANT PROFESSEOR. Animal physiology of reproduction. Animal and Range Sciences, New Mexico State University, Las Cruces, NM 88003-0003. Fifty percent research, fifty percent teaching. Requires Ph.D. in animal science or anatomy. 12-month position. Ph.D. degree in animal science with emphasis in reproductive physiology required. Reply to: Dennis Halliday, 301 Meriwether Hall, Department of Animal Science, University of Georgia, Athens, GA 30602-1245. Position will remain open until filled. Include résumé, transcripts, list of publications, and four references. Equal Opportunity/Affirmative Action Employer.

MICROBIOLOGIST

Seeks tenure-track faculty member with preference given at the assistant professor level. Will be expected to develop and lead externally funded basic research program. Should have postdoctoral experience and demonstrated research capability. Research areas could include physiology/metabolism, nutrient cycling, ground water quality, and bioremediation. Substantial start-up fund available. Teaching in microbiology and research experience with the Nebraska Water Center expected. Joint/split appointments possible. Send curriculum vitae, statement of research interests, and three letters of recommendation to: Dr. Kenneth W. Nickerson, Chairman, School of Biological Sciences, University of Nebraska-Lincoln, NE 68588-0118. Position open until 1 September 1991. Applications will be accepted until a suitable candidate is found. Equal Opportunity/Affirmative Action Employer.

RESEARCH ASSISTANT PROFESSOR

CELLULAR ELECTROPHYSIOLOGIST

The Department of Pharmacology at the State University of New York (SUNY) Health Science Center at Syracuse is seeking an outstanding individual to join in a multidisciplinary research group whose primary goal is to study the subcellular mechanisms of cell-to-cell communication and impulse propagation in the heart. Duties will include the use of cell electrophysiology to medical students, physical therapists, nurses, and graduate students and research as outlined above. Qualified candidates should have a degree in physiology, pharmacology, or biophysics, and at least 3 years of postdoctoral experience in electrophysiology research and/or teaching of electrophysiology, patch clamping, and membrane potentials. The doctoral program should have included research in pharmacology and electrophysiology. Send curriculum vitae, statement of research interests, and three letters of recommendation by 30 August 1991 to: Dr. Jose Jalife, Department of Pharmacology, SUNY Health Science Center at Syracuse, 766 Irving Avenue, Syracuse, NY 13210. An Equal Opportunity/Affirmative Action Employer.

RESEARCH ASSISTANT PROFESSOR

The Department of Physiology at Temple University School of Medicine invites applications for non-tenure-track position at the level of research assistant professor. Ph.D. necessary in physiology and must have 1-2 years of postdoctoral training required. Candidate must have laboratory experience in experimental physiology, protein biochemistry, and handling of radioactive materials. Contact: Dr. Peter R. Lynch, Chairman, Temple University School of Medicine, Department of Physiology, 3420 North Broad Street, Philadelphia, PA 19140. An Equal Opportunity/Affirmative Action Employer.

RESEARCH FACULTY POSITIONS

SHOCK TRAUMA INSTITUTE ASSOCIATE PROFESSOR ASSISTANT PROFESSOR

The Department of Surgery and Physiology and the Loyola University Shock Trauma Institute invite applications for a tenured associate professor and an assistant professor. Applicants' research should involve aspects of: leukocyte and cellular and molecular biology during traumatic, septic, or burn injury with preference given to expertise in biochemistry, molecular biology, and/or pharmacology. Send curriculum vitae, a description of research interests, and three references to: Dr. Robert J. Nicklas, M.D., Director Loyola University Shock Trauma Institute Building 54, Room 260 2160 South First Avenue Maywood, IL 60153

An Equal Opportunity/Affirmative Action Employer.

ASSISTANT PROFESSOR, SECTION OF GENETICS

DUKE UNIVERSITY MEDICAL CENTER

The Section of Genetics at Duke University Medical Center is seeking a full-time, tenure-track, junior level faculty position. Individuals utilizing genetic approaches to address problems in most any important area of biology can be considered. The Department of Genetics is a newly created academic unit that offers a cohesive and interactive research environment as well as an extremely attractive and generous benefit package. Applicants should forward curriculum vitae, a statement of research plans, and the names of three references to: Dr. Joseph K. Nevins, Section of Genetics, Duke University Medical Center, P.O. Box 5084, Durham, NC 27710. Duke University is an Equal Opportunity/Affirmative Action Employer.

ASSISTANT PROFESSOR, WILDLIFE MANAGEMENT—BIRDS

Nine-month tenure-track position. Ph.D. in wildlife management or a closely related field and experience in management of bird populations required. Successful candidate will be expected to develop a research program in management and ecology of birds, including game species. Responsibilities include ornithology, bird management, and general biology. Start date negotiable: 1 January to 15 August 1992. Send curriculum vitae, a statement of research interests, three recent publications, and names and addresses and telephone numbers of three references to: Search Committee, Department of Biology, Montana State University, Bozeman, MT 59715. Additional information call: 406-994-4549. Application review begins 1 October 1991. Affirmative Action/Equal Opportunity Employer; Veteran preference.

FACULTY POSITIONS

DEPARTMENT OF BIOCHEMISTRY

The Department of Biochemistry at the University of Texas Health Science Center at San Antonio invites applications for several 12-month, tenure-track faculty positions at the ASSISTANT OR ASSOCIATE PROFESSOR level. Candidates with research expertise in any area of contemporary biochemistry will be considered. Special consideration will be given to candidates with research interests in the following areas:

- Biochemistry/Cell Biology: receptors and signal transduction, ion channels, intracellular protein targeting, growth factors.
- Molecular Biology/Genetics: gene structure, function, and regulation including transcriptional, translational, and post-translational processes.
- Macromolecular Structure: high resolution structure and dynamics of macromolecules in solution or the solid state.

Interested applicants should send curriculum vitae, a research prospectus, and the names of three references to: Faculty Search Committee Department of Biochemistry The University of Texas Health Science Center at San Antonio 7703 Floyd Curl Drive San Antonio, Texas 78284-7760 The deadline for applications is 15 September 1991. An Affirmative Action/Equal Opportunity Employer.

UNIVERSITY OF CALIFORNIA

SAN FRANCISCO

REPRODUCTIVE ENDOCRINOLOGIST OBSTETRICS, GYNECOLOGY AND REPRODUCTIVE SCIENCES PROFESSOR—TENURE TRACK

The Department of Obstetrics, Gynecology and Reproductive Sciences is seeking a full-time, tenure-track reproductive endocrinologist. Experienced investigator with demonstrated capability of mounting productive, independently research program in endocrinology. Ladder rank appointment as a Professor of Obstetrics, Gynecology and Reproductive Sciences at the University of California, San Francisco. Please respond by 1 October 1991 to: Paul Pomons, Chair, University Medical Center to: Mary Dallman, Ph.D., Department of Physiology, University of California, San Francisco, CA 94143. University of California is an Equal Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply.
POSITIONS OPEN

CELL PHYSIOLOGISTS/ MOLECULAR BIOLOGISTS

The Department of Physiology and Biophysics and the Sealy Center for Molecular Sciences at the University of Texas Medical Branch (UTMB) at Galveston invite joint appointment applications for tenure-track positions at the level of ASSOCIATE, and FULL PROFESSOR levels. Candidates with interests in structure-function studies of membrane transport proteins are especially encouraged to apply. Candidate must have Ph.D. and/or M.D. degrees. Salaries and start-up funds are highly competitive. The department and the center offer a stimulating scientific environment and is deeply committed to the training of graduate research and medical students. Send complete curriculum vitae, including publication list, brief statement of future research plans, and names and addresses of three recommenders to: Head of Search Committee, Department of Physiology and Biophysics, University of Texas Medical Branch, Galveston, TX 77555-0746. UTMB is an Equal Opportunity/Affirmative Action Employer, M/F/H/V. UTMB hires only individuals authorized to work in the United States.

The Department of Neurology, University of California, Davis, is seeking Board-eligible or -certified neurologists to fill four endowed faculty positions. Two of the positions are in the PROFESSOR series and two are in the CLINICAL PROFESSOR series. Each position requires individuals with demonstrated competence in patient care of medical students and house staff. The professor series positions require demonstrated potential for developing a basic research program relevant to neurology. The clinical professor series positions require a demonstrated potential for administering clinical and research training to medical students, house staff, and patients. This position requires individuals with demonstrated ability to attract and supervise an active clinical and scholarly activity at the University of California, Davis. Applications must be received by 31 October 1991. The University of California is an Equal Opportunity/Affirmative Action Employer, M/F/H/V.

POSITIONS OPEN

GRIFFIN ENDOVED CHAIR
UNIVERSITY OF FLORIDA

The University of Florida is seeking an experienced scientist who will conduct and direct a research program in whole-plant, cellular, or molecular biology that can lead to citrus improvement. Potential areas of study may include studies of specific gene expression, developmental biology, or any area of focus which could eventually contribute to the development of citrus. The incumbent will need to develop, with Granting faculty to enhance outstanding research, teaching, and scholarly activity at the University of Florida. A proven record for obtaining extramural support is necessary, as well as demonstrated ability to attract and work well with graduate students and postdoctoral associates. Applications, including a résumé and names of five referees, should be submitted by 1 September 1991 to: Dr. Karen E. Koch, Endowed Chair Search Committee, Fruit Crops Department, University of Florida, Gainesville, FL 32611. The University of Florida is an Equal Opportunity/Affirmative Action Employer.

DIRECTOR OF MOLECULAR PATHOLOGY

The Department of Pathology at Tulane University School of Medicine has applications for a faculty position to direct its research program in molecular pathology. This is a tenure-track position at the level of ASSOCIATE, and FULL PROFESSOR. The successful candidate, Ph.D. or M.D., will have an active research program in molecular biology and an interest in the major role in young faculty development and in the administration of the Ph.D. program in Molecular and Cellular Biology. A very competitive start-up package will be offered by the department. Please submit curriculum vitae and names of three referees by 30 November 1991, to: Michael A. Gerber, M.D., Professor and Chairman, Department of Pathology, Tulane University School of Medicine, 1430 Tulane Avenue, New Orleans, LA 70112-2699. Tulane Medical Center is an Affirmative Action/Equal Opportunity Employer.

DIRECTOR, CYTOGENETICS LABORATORY

Applications are invited to apply for an academic position to direct a diagnostic and research laboratory in cytogenetics as part of a group of cytogenetic/molecular genetics laboratories at Wayne State University and the Detroit Medical Center. Case load includes amniotic fluids, CVS, bloods, bone marrows and solid tissues. The director will be responsible for ensuring the quality, appropriateness, and timeliness of the laboratory services. To complement other members of the group, we are seeking candidates with an interest related to neonatal development or endocrinological problems, who has developed an independent research program. Active involvement in medical and graduate students and laboratory staff is expected. Academic rank and salary commensurate with experience. Candidates are encouraged to submit curriculum vitae and names of referees. Wayne State University is an Affirmative Action/Equal Opportunity Employer.

TECHNICAL DIRECTOR
PROTEIN CHEMISTRY LABORATORY

The Department of Pathology and Laboratory Medicine of the University of Pennsylvania School of Medicine has an opening to fill the position of the technical director of the Protein Chemistry Laboratory. Applicants should have a background in the separation of large molecules and be familiar with the use of gel electrophoresis and isoelectric focusing. Applicants should be familiar with the use of enzyme-linked immunosorbent assay and be able to communicate effectively. The laboratory space is new and the equipment is up to date. The position is currently staffed. Substantial salary and fringe benefits. Candidates should submit a letter of application, curriculum vitae, a statement of qualifications, and names and addresses of three of their references to: Daniel S. Martin, M.D., Cancer Research Department, Cardiac Medical Center, 89-15 Woodhaven Boulevard, Woodhaven, NY 11421.
SCIENTISTS AND POSTDOCTORAL FELLOWS IN NEUROBIOLOGY AND PROTEIN CHEMISTRY

REGENERON PHARMACEUTICALS is making rapid progress in the basic understanding of neuronal growth factors and how these proteins can treat degenerative and traumatic neurological disorders.

Openings now exist in the Neurobiology Department for scientists and research associates with interests and skills in the following areas: (1) kinetics, pharmacology, distribution, and quantitative image analysis of protein and organic radioligand binding to tissue sections or homogenates; (2) in vitro and in vivo analysis of neurochemical changes following central and peripheral growth factor administration; and (3) the use of established tests and development of novel tests for measuring behavioral capacities after peripheral or central neural injury and neurotrophic factor administration.

Scientists and Postdoctoral positions require a Ph. D. and/or M.D. degree and extensive experience and publications in either of these three areas. Experience with animal models of central peripheral nerve disease or traumatic injury, PNS neurophysiology, or neuronal plasticity is also desirable for Scientist positions.

Openings also exist in the Cellular and Molecular Biology Department for scientists and research associates (B.S., M.S., Ph.D.) and postdoctoral fellows with training and/or interest in the chemical and biological characterization of growth factors and their receptors. Experience in protein purification, peptide synthesis, or in primary, secondary and tertiary structural analysis of proteins would be advantageous.

Regeneron’s modern facility is located on an expansive wooded campus in Westchester County, 25 miles north of Manhattan. The highly collaborative and supportive Regeneron community offers considerable scientific and professional growth potential.

Please send your resume and a cover letter indicating the relevant position, the names of 3 or more references, and your immediate career goals to: Ms. Carol Deaken, Bin IV (Neurobiology positions) or Bin CMB (Cellular and Molecular Biology Positions), REGENERON PHARMACEUTICALS, INC. 777 Old Saw Mill River Road Tarrytown, NY 10591-6707 Equal opportunity employer.

REGENERON Pharmaceuticals, Inc.
POSITIONS OPEN
FULL-TIME FACULTY POSITION
HARVARD MEDICAL SCHOOL
BETH ISRAEL HOSPITAL

Positions available for faculty members at various levels to join the new Molecular Medicine Unit at the Beth Israel Hospital and Harvard Medical School. Applying for this position are Ph.D., M.D. and/or Ph.D. degree and postdoctoral experience in molecular biology. New faculty members will be expected to develop independent basic science research programs for the areas of cell growth and differentiation, growth control, and oncogenes. The successful candidates will be responsible for working in new laboratories and for the design of the art equipment used for molecular and cellular biological research. Start-up funds and extensive long-term support is available for salaries, technical help, and supplies. The faculty members selected will be expected to spend approximately 90% of their time pursuing research activities. Clinical and/or teaching commitments are not required but can be arranged.

Applicants should have sufficient recognition in their field in the form of publications to merit joint faculty appointments at Harvard Medical School. Please send curriculum vitae, a brief statement of research interests, reprints of recent work, and the names of three references to: Benjamin G. Neel, M.D., Molecular Medicine Unit, Beth Israel Hospital, 330 Brookline Avenue, Boston, MA 02215. Beth Israel Hospital is an Affirmative Action/Equal Opportunity Employer.

BIOCHEMISTRY
Molecular Biology
TAMU & A'UNIVERSITY

The Department of Biochemistry and Biophysics is seeking applications for FACULTY POSITIONS. These are 12-month, tenure-track positions to be filled by September 1992. Academic rank is open and dependent upon experience and qualifications. Outstanding individuals having research interests dealing with the molecular aspects of regulation, structure, mechanism, or function in microbial, animal, or plant systems are sought. In addition to research, participation in the department's undergraduate and graduate teaching programs will be required. A Ph.D. in either biochemistry or a related field, plus appropriate postdoctoral experience, is required.

Applicants should send curriculum vitae, list of publications, a brief description of current and future research directions, and have three letters of reference sent to: Dr. Robert D. Mills, Department of Biochemistry and Biophysics, Texas A&M University, College Station, TX 77843–2128.

The Texas A&M University System is an Affirmative Action/Equal Opportunity Employer.

ROYAL FREE HOSPITAL
SCHOOL OF MEDICINE (RFHSM)
UNIVERSITY OF LONDON
LECTURER (NON-CLINICAL)
IN HEMATOLOGY

A non-clinical lecure is available in the Department of Haematology. The applicants will be encouraged to pursue their own research program which will be expected to complement ongoing projects within the department. Appointments would be particularly welcome from individuals with an interest in oncogenesis and/or hemopoietic stem cells. The lecturer will also be expected to participate in undergraduate and postgraduate teaching within the department and the medical school. Applicants should have a Ph.D. degree and a minimum of 3 years experience in the following fields: molecular cytogenetics and/or cytogeneticist.

Applicants should send curriculum vitae, a statement of research interests/plans, and the names and addresses of three references to the Department of Haematology, Royal Free Hospital, Pond Street, London NW3 2PP quoting reference HAE/L/196.

NMR SPECTROSCOPISTS, PHYSIOLOGISTS OR BIOCHEMISTS—in vivo NMR spectroscopy
POSTDOCTORAL POSITIONS available for studies of effects of agents on tumours and hearts. Send resumes: Dr. Jerry D. Glickson, The Johns Hopkins School of Medicine, MIR 110, 600 North Wolfe, Baltimore, MD 21205.

POSITIONS OPEN
The Markey Center in Growth Regulation at Vanderbilt University invites applications for full-time research associates, including the following.

A TENURE-TRACK POSITION with rank dependent upon qualifications is offered by the Section of Gynecologic Oncology, Department of Obstetrics and Gynecology, at the University of Nebraska Medical Center. Candidates should have a Ph.D. in cell biology or biochemistry and have experience in cancer research at the molecular level. An interest in solid tumor physiology, growth factors, and tumor markers is desirable. A joint appointment with the Epilepsy Center, an NCI-designated cancer center, is possible, depending upon an applicant's qualifications. Interested applicants should submit curriculum vitae to: David McIntosh, M.D., Section Head, Gynecologic Oncology, 415476–7323.

Applications will be accepted until the position is filled. The University of Nebraska Medical Center is an Affirmative Action/Equal Opportunity Employer.

TECHNICAL EDUCATION SPECIALISTS

Oncor, Inc. is a leading corporation in the research/ development and support of DNA probes for molecular cytogenetics and cell diagnostics. We are seeking several highly motivated individuals to build a diversified education team which will take our technology into clinical and research and development throughout the United States. Education specialists travel 2 to 4 days per week, giving seminars and workshops to interested groups. We require a B.S., M.S., or Ph.D. degree with at least 3 years experience in the following fields: molecular cytogenetics, cell diagnostics, or cell diagnostics.

Please send a resume to: Oncor, Inc., 209 Ferry Parkway, Gaithersburg, MD 20877; Attention: PER062.

Ph.D., Pharm.D.: Applications are invited for a combined research and teaching position in the Department of Clinical Pharmacy. Rank and salary commensurate with teaching and research experience. Applicants should send curriculum vitae, a statement of research interests/plans, and the names and addresses of three references to: Robert E. Mancini, Ph.D., D.O., Department of Pharmacology, Toxicology and Experimental Therapeutics, New York College of Osteopathic Medicine, F.O. Box 170, Old Westbury, NY 11568. Affirmative Action/Equal Opportunity Employer.

POSTDOCTORAL POSITION
DEVELOPMENTAL MOLECULAR NEUROBIOLOGY
UNIVERSITY OF CALIFORNIA, SAN FRANCISCO

Position available immediately to study actions of NGF and related neurotrophins in CNS development. Molecular biology knowledge and ability to define cellular neuronal activity and quantify NGF domains which bind and activate its receptor.

Please send curriculum vitae, names of three references, and telephone number to: William C. Mobley, M.D., Ph.D., Department of Neurology, University of California, San Francisco, 505 Parnassus Avenue, San Francisco, CA 94143–0114. Telephone: 415-476-7323.

POSTDOCTORAL POSITIONS
Gastroenterology.
POSTDOCTORAL POSITIONS available immediately to study the molecular biology of intestinal transport. Background in cell biology and mammalian tissue culture desirable. Research involves molecular cloning and work with mammalian cell culture. Send curriculum vitae and names of three references to: Alice Chow, M.D., Emory University School of Medicine, Department of Medicine, Division of Digestive Diseases, P.O. Drawer ATB, Atlanta, GA 30322. Emory University is an Equal Opportunity Employer.

POSTDOCTORAL POSITIONS
Able to study interferon-regulated, antiviral and cell growth inhibitory pathways. Areas include: (1) molecular biology of 2-5A-dependent RNase, and (2) inhibition of HIV replication by 2-5A- and/or anti-RNA-dependent protein kinase systems. Send curriculum vitae and letters of reference to: Dr. Robert H. Silverman, Department of Cancer Biology, The Cleveland Clinic Foundation, 9500 Euclid Avenue, Cleveland, OH 44195–5285.

POSTDOCTORAL POSITIONS
MOLECULAR BIOLOGY OF VASCULAR CELLS
CARDIOLOGY DIVISION
VANDERBILT UNIVERSITY SCHOOL OF MEDICINE

Postdoctoral positions are available to candidates with Ph.D. or M.D. degree trained in 1991. Trainees will join already existing efforts to investigate mechanisms of transcriptional regulation in vascular endothelial and smooth muscle cells. In vitro and transgenic experiments are aimed at elucidating cis- and trans-acting elements involved in lineage determination and hormone responsiveness. Prior experience in molecular biology or transgenic would be helpful but is not essential. Excellent opportunities for future advancement to tenured faculty positions are available. Please send curriculum vitae and names to: Thomas Quertermous, M.D., Chief, Division of Cardiology, Vanderbilt University School of Medicine, Nashville, TN 37232–2170. Vanderbilt University is an Equal Opportunity Employer.

POSTDOCTORAL POSITION
POSTDOCTORAL POSITION is available in a research group studying the mechanism and regulation of eukaryotic protein synthesis. Areas of investigation include the structure and function of polypeptides involved in the recognition and unwinding of capped RNA. A knowledge of cell biology is essential. Experience with phosphorylation, structure and regulation of initiation factors genes; and the effects of oncogene expression on protein synthesis and cell growth. Salary is competitive and fully commensurate with experience. Send curriculum vitae and names of three references to: Dr. Robert E. Rhoads, Department of Biochemistry, University of California at Los Angeles, 4200 Westwood, Los Angeles, CA 90095–5056–0084. An Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITION
Available immediately in human papilloma virus molecular immunology. Primary responsibility is the development of T cell proliferative and IL-2 assays to HPV antigens in individuals with defined infectious status with various HPV subtypes. Additional responsibilities include preparation and expression of HPV antigens. Immunology experience is essential and molecular biology experience is desirable. Please contact: Daniel P. Stites, M.D., University of California, San Francisco (UCSF), Box 1010, San Francisco, CA 94143. UCSF is an Affirmative Action/Equal Opportunity Employer.

POSTDOCTORAL POSITION
Available 1 September 1991 to study molecular structure of plant-cutticle proteins. Position requires knowledge of field botanical methods and experience with work in one or more of the following areas: biosynthesis, biodegradation, and isolation of plant materials; analytical methods (spectroscopy); modern spectrometry (NMR in solution and solid state, FT-IR); Send curriculum vitae, two letters of reference, and copies of relevant publications to: Dr. Peter E. Brine, Department of Chemistry, City University of New York, The College of Staten Island, 50 Bay Street, Staten Island, NY 10301. Equal Opportunity/Affirmative Action Employer.
POSTDOCTORAL POSITION. Available to study the molecular biology of hormonal regulation of tissue-type plasminogen activator (TPA) and FA-inhibitor (FA-I) gene expression in rat and human hepatocytes and hepatoma cell lines. Candidates must have experience in molecular biology. Send résumé, statement of research interests, and names of references to: Dr. Thomas Gelehrter, Department of Human Genetics, 4700 MS II/Box 0618, University of Michigan Medical School, Ann Arbor, MI 48109-0618. An Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITIONS IN MOLECULAR/MICROBIAL ENTOMOLOGY. Two postdoctoral or associate research scientist positions, depending upon qualifications of applicant, are available in the Department of Epidemiology and Public Health, Yale University School of Medicine. One position is open to work with investigators studying arbovirus infections and to determine the vector competence of phlebotomine sandflies. A variety of sandfly species, maintained at the Yale Arbovirus Research Unit, are available for study. Interested persons should send a complete résumé, description of their research experience and interests, and three references to: Dr. Robert B. Tesh, Department of Epidemiology and Public Health, Yale University School of Medicine, P.O. Box 3333, New Haven, CT 06510. Yale University is an Equal Opportunity/Affirmative Action Employer.

TWO POSTDOCTORAL POSITIONS

Available immediately to participate in two NIH-funded projects on alterations of host defense induced by thermal injury. These projects will (i) extend studies [f. Immunol. 143, 2609 (1989)] to determine subcellular mechanisms responsible for neutrophil dysfunction (Dr. Ann Bjornson) and (ii) characterize alterations of cytokine production and other functional responses of macrophages (Dr. Scott Somers). Our program offers the opportunity to apply fundamental knowledge in phagocyte biology to an area of clinical importance. Compensation includes stipend of $28,000 to $32,000 (dependent on experience) and fringe benefits. Send curriculum vitae, summary of research experience and names of three references to: Drs. Bjornson or Somers, to: Division of Immunology, James N. Gamble Institute of Medical Research, 2141 Auburn Avenue, Cincinnati, OH 45219. An Equal Opportunity Employer.

POSTDOCTORAL POSITIONS

To join a multidisciplinary group consisting of 11 faculty interested in mechanisms of hemostasis, fibrinolysis, and thrombosis involving both basic research and clinical investigation. Areas of study from which candidates may choose include (1) assembly, function, and regulation of supramolecular enzymatic complexes on both synthetic and physiological surfaces, (2) relationships between protein structure and function using molecular cloning, isolated natural and synthetic polypeptides, and immunological probes, (3) cell biology of hematoepoiesis, (4) platelet intracellular signaling, and (5) diurnal and seasonal assay development. These positions will provide valuable training in an area of interest to the academic community, biotechnology, and the pharmaceutical industry. Send curriculum vitae, selected papers, and names of three references to: Kenneth G. Mann, Ph.D., Professor and Chair Department of Biochemistry, College of Medicine, C401 Given Building, University of Vermont, Burlington, VT 05405–0068.

POSTDOCTORAL POSITION

Available to study lipoprotein-mediated influences on synthesis of fibrinolytic proteins and expression of surface-localized fibrinolytic activity in cultured endothelial cell phenotypes. Ph.D. with experience in protein/receptor biochemistry, tissue culture, and/or molecular biology required. Send curriculum vitae and names of three references to: Francois M. Booyse, Ph.D., Division of Cardiovascular Disease, University of Alabama at Birmingham (UAB), PAB 265, UAB Station, Birmingham, AL 35294–4400. UAB is an Equal Opportunity/Affirmative Action Employer.

The IMMUNE RESPONSE CORPORATION

DIRECTOR REGULATORY/CLINICAL AFFAIRS

The IMMUNE RESPONSE CORPORATION is a young, growth-oriented biotechnology company, conducting innovative research in viral vaccines and autoimmunity. Located in the suburban San Diego area, our new research and development center is located in one of the country’s leading biotechnology communities.

IRC is searching for an individual to head its Regulatory Affairs Department, with responsibility for management of pre-clinical studies, clinical trials, and quality assurance functions. Candidates should have a Ph.D. or M.D. degree, completed research post-doctoral work, and a minimum of five years experience in an industrial environment, with proven success in regulatory and clinical affairs. Broad experience in the development of human therapeutic products is preferred, including manufacturing/quality control.

The IMMUNE RESPONSE CORPORATION offers excellent salary and benefits, and an opportunity to make a significant contribution in the stimulating environment of a young research-based organization.

Interested candidates should submit the curriculum vitae to:

Human Resources
The Immune Response Corporation
5935 Darwin Court
Carlsbad, CA 92008
Ref: Director

EQUAL OPPORTUNITY EMPLOYER

At Burroughs Wellcome Co., you can discover your full potential for scientific research in an atmosphere where you will have access to world-renowned expertise. The result is an opportunity to extend the boundaries of knowledge, and enhance your skills. Discover your capabilities at Burroughs Wellcome Co.

Neuroscience Associate Pharmacologist

The Division of Pharmacology has an opportunity available for a scientist to study the metabolic and biochemical consequences of global and focal cerebral ischemia and other cerebrovascular diseases and apply key findings to drug discovery.

Candidates must have a Ph.D. in a biological science, OR a Master’s degree in a biological science plus two years of experience in ischemic research, OR a Bachelor’s degree plus four years of experience in ischemic research. Experience in one of the following areas is required: autoradiography, densitometric measurements and brain tissue sectioning, OR biochemical assays, OR ischemia models. Other factors to be considered include experience with histology, immunohistochemistry, metabolite assays, and various ischemia models.

Burroughs Wellcome Co. offers a stimulating and challenging work environment, with one of the best compensation and benefits packages in the industry, including comprehensive health and dental plans, life and disability coverage, tuition reimbursement, relocation benefits, pension and investment savings plan, fitness facilities, and others. You will also enjoy the outstanding variety of cultural, educational and recreational advantages that come with living and working in the Research Triangle Park area, one of the most desirable and fastest-growing regions of the country. Please send your resume, indicating position number in your cover letter, by September 9, 1991, to: Burroughs Wellcome Co., Recruiting and Staffing, PO. Box #29934, 3030 Cornwallis Road, Research Triangle Park, NC 27709.

For information on other job opportunities with Burroughs Wellcome Co., call our Job Information Line at (919) 248-8347.
POSTDOCTORAL POSITION

Available for investigations of cellular/molecular mechanisms of neurodegenerative diseases. Our laboratory uses a variety of approaches to study several human neurodegenerative diseases, including Alzheimer’s disease and motor neuron disease, and related animal models. The successful applicant will conduct research with several research areas, including the neuronal cytoskeleton, transmitter systems, the amyloid precursor protein, and trophic factors.

Send curriculum vitae and two letters of recommendation to: Donald L. Price, M.D., Neuropathology Laboratory, The Johns Hopkins University School of Medicine, 600 North Wolfe Street, Baltimore, MD 21205-2181. Affirmative Action/Equal Opportunity Employer. We encourage applications from minority and female candidates.

POSTDOCTORAL POSITION IN CANCER, MOLECULAR BIOLOGY. Unrestricted opening for a postdoctoral fellowship position to study the regulation of signal transduction genes in leukemia. Experience in cell and molecular biology is required. Contact: S. Hanash, M.D., Ph.D., University of Michigan, Pediatric Hematology, R4451 Kresge 1, Ann Arbor, MI 48109-0510 or FAX curriculum vitae to 313-763-2028. Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITION—BIOCHEMISTRY

Position available on NIH-funded program concerned with growth hormone genes. Experience with mammalian cell culture and animal techniques should be desired. Please send curriculum vitae and names of three references to: Martin Sonenberg, M.D., Ph.D., Memorial Sloan-Kettering Cancer Center 1275 York Avenue New York, NY 10021

POSTDOCTORAL TRAINING IN CLINICAL CHEMISTRY

Position available 1 July 1992, for basic scientist (Ph.D.) or physician interested in a career as chemistry laboratory director in academic laboratory medicine. Our 2-year program provides practical experience in hospital chemistry laboratories and extends relevant basic scientific knowledge. The University of Washington is an Equal Opportunity/Affirmative Action Employer. Application deadline: 15 November 1991. Write to: Margaret Kenny, Ph.D., Co-director, Chemistry Postdoctoral Program, University of Washington Medical Center, SB-10, Seattle, WA 98195.

POSTDOCTORAL OR TECHNICAL POSITION


POSTDOCTORAL FELLOW

PARASITOLOGIST/MICROSCOPIST needed to help study immunity and fine structure of malarial parasites as soon as possible. Prefer experience with light and immunofluorescence microscopy and immunochemistry. Send letter of application, résumé and three letters of recommendation to: Masamichi Aikawa, M.D., Ph.D., Case Western Reserve University (CWRU), Cleveland, OH 44106. CWRU is an Affirmative Action/Equal Opportunity Employer.

EXPERIMENTAL NEUROPATHOLOGY FELLOWSHIP is available for a postdoctoral (Ph.D.) or postresidency in neuropathology (M.D.) candidate for well-equipped laboratory. Clinical material in degenerative, geriatric, and dementia disease areas, especially Alzheimer’s disease, will be available for animal experiments. Morphometry, immunocytochemistry, confocal and electron microscopy. The position is available immediately. Salary will be on published University of California scales. Send curriculum vitae to: Dr. Robert Terry, Department of Neurosciences, 0024, University of California, 9500 Gilman Drive, La Jolla, CA 92039. UCSD is an Equal Opportunity/Affirmative Action Employer.

MARINE AND FRESHWATER ECOLOGY

Two positions available immediately for studies on biological invasions.

POSTDOCTORAL RESEARCH ASSOCIATE

Two-year position to undertake experimental and quantitative field studies on the dispersal mechanisms of the zebra mussel Dreissena polymorpha in North America. Project has support of part-time assistant. Ph.D. in marine or freshwater biology/ecology with experience in epifaunal invertebrates preferred; computer/statistics skills highly desirable. Research is based at NOAA’s Great Lake Environmental Research Laboratory (GL-ERL) in Ann Arbor, Michigan.

RESEARCH ASSOCIATE

One-year (possibly longer) appointment to study the current extent of marine biological invasions now occurring in U.S. waters, focusing on plankton-bearing ballast water and other ship-transport mechanisms, and to identify potential control measures. Fieldwork on Atlantic, Gulf, and Pacific coasts. Project has support of a full-time assistant. Ph.D. or M.S. in biological sciences or marine policy; if the latter, S.B. or S.M. in an appropriate field. Experience in coordination/supervision of research projects; ability to work with a wide variety of people; database management skills useful.


CENTER FOR COASTAL PHYSICAL OCEANOGRAPHY

POSTDOCTORAL RESEARCH ASSOCIATES

The Commonwealth Center for Coastal Physical Oceanography at Old Dominion University (ODU) is supported by the Commonwealth of Virginia, has immediate openings for postdoctoral researchers to work on problems related to coastal physical oceanographic processes. The initial appointment will be for 1 year with a possible extension for a second year. The successful candidate will work on projects that concern physical ocean processes, which are broadly defined and may extend into the shelf shelf or out to the continental slope. Dynamical studies based on analytical or numerical models are appropriate as would be analysis of historical data.

Applicants should send a résumé, the names of three references, and a statement of scientific interests to: Director, Center for Coastal Physical Oceanography, Old Dominion University, Norfolk, VA 23529-0276. Closing date is 16 August 1991.

Old Dominion University is an Equal Opportunity/Affirmative Action Employer and encourages women and minority applications. ODU requires compliance with the Immigration Reform and Control Act of 1986.

RESEARCH POSITION

DEPARTMENT OF MEDICINE

HARVARD MEDICAL SCHOOL

Position available for recent Ph.D. or person with equivalent training in a research laboratory with 2 years of experience in the study of cell blood cell differentiation. Hands-on experience with hybridization techniques and cell culture required. Send résumé and names of three references to:

Arthur J. Syrkwoski, M.D.
Laboratory for Cell and Molecular Biology
New England Deaconess Hospital
185 Pilgrim Road
BURL Building, 5th Floor
Boston, MA 02215

POSTDOCTORAL RESEARCH ASSOCIATE

Immediate opening to be involved in an NIH-funded project to study the molecular pathogenesis of lung cancer. Experience in carcinogen metabolism and some aspects of molecular biology is preferred. Familiarity with tissue culture and co-culture study is most useful. Send curriculum vitae and names and addresses of three references to: Roger A. Coublem, Jr., Ph.D., Associate Professor, The Upjohn Company, Department of Biophysics and Biochemistry, 9750 Forest Hill Road, University of Nevada, Reno, Nevada, 89506. Telephone: 702-750-1600.

RESEARCH ASSISTANT. To manage the North Carolina State University (NCSU) Hydrogen Facility. This position will involve working with clients throughout the Research Triangle Park area, including three major universities. The manager will be responsible for product development, technical support, service basis and conducting research on the discovery of new fusion partner cell lines for commercial application in the production of canine, feline, bovine, and equine monoclonal antibodies. B.S. degree required, M.S. degree preferred. Send résumé and references to: Dr. Bruce Hammerberg, Director, NCSU FAC/Hybridomas, Room 2760, Department of Veterinary Science, NCSU, Raleigh, NC 27606. An Affirmative Action/Equal Opportunity Employer.

RESEARCH ASSOCIATE: To study self-incompatibility and pollen-induced responses in Petunia. Must have experience in techniques of molecular biology, recombinant DNA technology, and plant cell culture. Send curriculum vitae to: Susan Bradley, R. 2, Box 318, Olds College, Olds, Alberta, Canada. An equal opportunity employer.

RESEARCH MICROBIOLOGIST: Two positions available at the Retrovirus Research Center, Veterans Administration Medical Center, University of Maryland, Baltimore, for Ph.D. or M.D. scientists with backgrounds in molecular virology or immunology. Salary and academic appointment commensurate with experience. Send curriculum vitae with name and address of three references to: Paul M. Hoffman, M.D., Director, Retrovirus Research Center, VA Medical Center, 4000 Albemarle Road, Suite 200, Olds, AB 21128. We are an Equal Opportunity Employer.

ASSISTANT RESEARCH SCIENTIST

University of Michigan School of Medicine, Department of Internal Medicine, Division of Hematology/Oncology, is looking for an assistant research scientist, research investigator, or postdoctoral fellow, depending upon qualifications, to participate in ongoing studies on the cellular expression of plasma proteins. Professional background in peptide or protein chemistry, cell culture, or molecular biology required.

Please send curriculum vitae and names of three references to: Alvin H. Schmaier, M.D., University of Michigan, Department of Internal Medicine, Division of Hematology/Oncology, University of Michigan Medical Institute, 102 Observatory, Ann Arbor, MI 48109-0724. An Equal Opportunity/Affirmative Action Employer.

RESEARCH SCIENTIST: Research and develop pattern recognition, feature extraction, graphics, and text workshops and segment algorithms for multilingual OCR systems. Projects include system design, algorithm design, analysis, and coding system integration and testing.

Send resume to: Ph.D. 1 year experience in AI/OCR research and/or teaching, including all aspects of printed and handwritten OCR, image processing and computer vision; bilingual ability (read and write Chinese/English proficient in Pascal, C, MDOS, 286 and 386 assembler languages. Full time, 9:00 a.m. to 6:00 p.m., $47,000 per year. Job site and interview at Santa Clara, California. Review this ad and résume to: Job number T112139, P.O. Box 9560, Sacramento, CA 95823-0560 no later than 17 August 1991.

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Professor of Environmental and Occupational Health
University of Pittsburgh

The Department of Environmental and Occupational Health in the University of Pittsburgh's Graduate School of Public Health is seeking a senior investigator with experience in medical biochemistry to fill the position of Full professor with tenure. The Department is actively involved in molecular toxicology, studying at the cellular and molecular level, the effects of environmental and workplace related exposures. To complement the already existing expertise in the Department, the incoming person should have ongoing programs in the field of environmental effects on cellular DNA and the biological consequences with regard to gene expression. The successful candidate will have a record of successfully attracting research funding and experience in directing center or training grants. He/ she will be expected to be involved in teaching of graduate students and medical students as well as collaborating with members of the consortium of scientists involved in determining the molecular basis of chemical carcinogenesis.

The position is available September 1991. The salary is competitive. Closing date for receipt of applications is August 16, 1991. Applicants should submit curriculum vitae together with 3 letters of recommendation to: Meryl H. Karol, Ph.D., Chair, Search and Appointment Committee, Department of Environmental and Occupational Health, Graduate School of Public Health, University of Pittsburgh, 130 DeSoto Street, Pittsburgh, PA 15261.

THE UNIVERSITY OF PITTSBURGH IS AN AFFIRMATIVE ACTION/EQUAL OPPORTUNITY EMPLOYER

DIRECTOR OF CYTOGENETICS LABORATORY

Roswell Park Cancer Institute (RPCI) is seeking an experienced Ph.D. or M.D. Cytogeneticist to direct its Cytogenetics Laboratory. RPCI is a 140 bed institution dedicated to the diagnosis and treatment of solid tumor and hematologic malignancies and is affiliated with the State University of New York at Buffalo.

Candidates should be certified by the American Board of Medical Genetics and hold, or be eligible for, a license as a Cytogenetic Laboratory Director in the State of New York. Salary and faculty ranking are commensurate with experience.

Send curriculum vitae to:

Clara D. Bloomfield, M.D.
Head, Department of Medicine
Roswell Park Cancer Institute
Elm & Carlton Streets
Buffalo, New York 14263

Roswell Park is an Equal Opportunity Affirmative Action Employer

National Institutes of Health • Public Health Service
Department of Health And Human Services

Chief, Laboratory of Molecular Genetics

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

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

Applicants must have a Doctoral degree with a record of outstanding scientific accomplishment in the field of Molecular Genetics. In addition, applicants should possess qualifications that demonstrate competence in executive level management and leadership ability.

Further information may be obtained by contacting Ms. Karen Maben at (301) 550-1733. An Application for Federal Employment (SF-171) with a current curriculum vitae and bibliography should be submitted to: Personnel Office, Gerontology Research Center, National Institute of Aging, 4940 Eastern Avenue, Baltimore, Maryland 21224.

U.S. Citizenship Required
NIH is an Equal Opportunity Employer

Chair of Plant Conservation

The University wishes to appoint a Professor of Plant Conservation whose experience and research interests are in the preservation, ecology or management of terrestrial plant communities in their natural environments, or in plant/animal interactions which may include the biocontrol of alien vegetation. The appointee will be required to devote particular attention to the conservation of the floral elements and vegetation in the southwestern Cape Province of South Africa, and to develop a research team in this field. The successful applicant would be expected to supervise post-graduate students and to do a limited amount of teaching.

This is an endowed Chair and part of the generous endowment provides recurrent funding to allow the incumbent to set up his/her research, to purchase equipment, or to make appointments. A negotiable remuneration package includes attractive staff benefits such as non-contributory medical aid, a pension scheme and a housing subsidy in certain circumstances.

Further information may be obtained from: SASTO, Suite 350, 4801 Massachusetts Avenue, NW Washington DC 20016.

Applications should submit a full curriculum vitae including a list of publications and the names and addresses of at least three referees, not later than 30 October 1991, to the Appointments Office, University of Cape Town, Rondebosch 7700, Republic of South Africa; telephone: (2) 650-7462; fax: (2) 650-7388.

The policy and practice of the University of Cape Town are to oppose discrimination on grounds of gender, race or creed in any sphere of university life. UC1 has consistently protested, and continues to protest, against apartheid laws and practices and is committed to working towards a just future for our country. Information on this is available on request.
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ECOLOGISTS/CONSERVATION BIOLOGISTS

The Wilderness Society, a national environmental organization, is filling three positions in ecology and conservation biology. All require strong technical writing skills. Competitive salaries and excellent benefits.

**Senior Ecologist**: Develop innovative programs, policies, and legislation to protect biological diversity on U.S. federal lands; produce studies on critical U.S. biodiversity issues. Ph.D. in ecology/conservation biology preferred; experience in policy analysis and formulation desirable.

**Forest Ecologist**: Shape Wilderness Society policies on management of federal, state, and private forest lands. Participate in program development of the new Boise Center for Sustainable Forests. Ph.D. in forest ecology preferred; minimum of 6 years experience in policy analysis or research.

**Southern Appalachians Ecologist**: Participate as a member of a team developing a comprehensive plan to protect the biological diversity and wildlands of the Southern Appalachian Highlands region. Advanced degree in ecology or conservation biology required; knowledge of flora and fauna of southern Appalachians desirable. Position funded for two years.

Send resume and writing samples by September 6, 1991, to:

Dr. Mark Shaffer
The Wilderness Society
900 Seventeenth Street, N.W.
Washington, D.C. 20006-2596

The Wilderness Society is an equal opportunity employer.

Chair of Anatomy

Applications are invited for appointment to a Chair of Anatomy which will be vacant from 31 December 1992 following the retirement of Professor I. Darian-Smith. The new professor will be expected to provide leadership in teaching and research in a branch of medical science relevant to the broad field of anatomy.

Salary: $46,781 per annum (currently subject to review) to which is added a superannuable pre-clinical salary differential of $6,037 per annum for a medically qualified appointee.

Further information about the position, including details of application procedure, conditions for outside work, superannuation, travel and removal expenses, housing assistance and conditions of appointment, is available from the Registrar. All correspondence (marked "PERSONAL AND CONFIDENTIAL") should be addressed to the Registrar, The University of Melbourne, Parkville, Victoria, 3052, Australia.

Telephone (613) 344 5003 Facsimile 344 6897.

Applications close on 30 September, 1991.

The Council reserves the right to make no appointment or to fill the Chair by invitation at any stage.

The University of Melbourne is an equal opportunity employer and has implemented a smoke free work-place policy.

**THE UNIVERSITY OF MELBOURNE**

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**RESEARCH TECHNICIAN**

The Amoco Research Center in Naperville, Illinois is looking for qualified individuals to be considered for an opening in the Biotechnology Division of Amoco Technology Company as a RESEARCH TECHNICIAN. The position offers an excellent career opportunity.

The candidate's research area will emphasize basic and applied aspects of Molecular Biology, Microbiology, and Biochemistry. The position requires a Bachelor's or Master's degree in Biological Sciences. Experience in gene cloning, gene expression and biochemistry is desirable.

Amoco offers competitive salaries, a comprehensive benefits package and a congenial work environment. For immediate consideration, please forward your resume and salary history in complete confidence to:

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**AMOCO RESEARCH CENTER**

P. O. Box 3011/Dept. RA
Naperville, IL 60566

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**Principal Scientist/Cellular Neurobiologist**

Join Wyeth-Ayerst Research, one of the world's largest pharmaceutical research and development groups. Now is your opportunity to become an integral part of our fast-paced, innovative team at our research facility in Princeton, NJ.

The Central Nervous System Division is seeking a Principal Scientist to join our interdisciplinary drug discovery effort directed towards the identification of novel agents for the treatment of neurodegenerative diseases and schizophrenia. The primary responsibilities of this position will be to implement and run a cellular neurobiology laboratory with cellular biochemistry, second messenger biochemistry and cellular neurophysiology functions.

As a key part of CNS drug discovery research, this laboratory will interface with our extensive molecular biology resources. We seek a candidate with expertise in cell biochemistry, cell culture and the expression of cloned genes in cell lines, with the ability to study the biochemical pharmacology of the resultant neuroreceptors and other biomolecules in cell culture. Demonstrated excellence in these research areas, effective leadership skills, the ability to work as part of a team and a strong publication record are all essential requirements for this position.

The successful candidate will have a Ph.D. in Pharmacology, Biochemistry, Neuroscience or a related discipline with 5+ years of postdoctoral experience. Direct pharmacological experience with cell culture, cell biology/molecular biology and the biochemistry of second messengers is required, as is the motivation to publish the results of novel and innovative research activities.

We offer an excellent compensation and benefits package. Our research laboratory is just minutes away from Princeton University and convenient to many other cultural, educational and leisure activities. Forward resume and salary requirements to: Wyeth-Ayerst Research, Personnel Manager, Position #383, CN 8000, Princeton, NJ 08543-8000. An Equal Opportunity Employer, M/F/H/V responses encouraged. Principals only.
Clinical Cytogeneticist

Nichols Institute, a leader in the medical laboratory testing industry, has an opening for an ABMG certified or eligible Cytogeneticist with a M.D. or Ph.D. The candidate should have strong interest in clinical service; and experience in molecular cytogenetic techniques is desired.

We offer an excellent compensation, benefits package and a beautiful southern California location. Interested candidates please send CV to: Hazel Larsen, Human Resources, Nichols Institute, 33608 Ortega Hwy., San Juan Capistrano, CA 92690-6130. An equal opportunity employer.

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The Kendall Company is a leader in the design, manufacture and marketing of healthcare products. Our products feature the highest standards of quality in the industry and are backed by a solid commitment to R&D. That’s because they were created by people with talent, drive and the vision to be leaders. If you think you can lead Kendall into the future, we’d like to talk to you.

Senior Scientist

In this highly visible position you will act as our expert internal and external consultant, defining and executing programs in venous diseases and Hemodynamics physiology. You will also be responsible for translating the results of these experimental programs to meet business and new product design objectives. 5-10 years of experience in a Cardiovascular area, preferably in the study of venous diseases, and a Ph.D in Biomedical Engineering or Physiology required. A Master’s combined with substantial experience in the area of venous diseases will be considered. Solid communication and presentation skills are essential.

Research Associate

Wound Care

You will work with a variety of internal groups to develop new product designs, test/manufacturability methods, product specifications, and clinical data/sales training documents. Because of our commitment to staying at the leading edge, it will also be essential that you stay abreast of the latest wound biology and wound management information and evaluate outside technologies for new product opportunities. A PhD in Chemistry/Bioengineering or equivalent in a wound care related science and at least 4 years experience in wound healing/management are required.

We offer a competitive salary, an excellent benefits package including medical/dental insurance, a matching savings investment plan, pension, and tuition reimbursement, as well as exceptional growth opportunities. Qualified candidates should forward their resume to Bob Simons, The Kendall Healthcare Products Company, 15 Hampshire Street, Mansfield, MA 02048. An equal opportunity employer.

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The Ames Laboratory invites applications and nominations for the position of Deputy Director. The Ames Laboratory is a national laboratory of the Department of Energy (DOE), is dedicated to research in fundamental and applied science and engineering related to the nation’s current and future energy concerns, and is operated for DOE by Iowa State University (ISU). The Deputy Director has primary responsibility for new initiatives, the Office of Information, the Office of Internal Auditing, the scientific computing group, and all scientific program reviews. The Deputy Director will often represent the Laboratory at local, state and national forums and will act as Laboratory Director in the Director’s absence.

The successful candidate will hold a Ph.D. in physical science or engineering, have a scientific record commensurate with faculty status in a related academic department of ISU, have significant experience in science administration and have a strong working knowledge of the Department of Energy.

Salary is competitive and commensurate with experience. Applications and nominations should be sent to: Dr. Tom Barton, Director, Ames Laboratory, 109 Office and Laboratory Building, Iowa State University, Ames, IA 50011. Ames Laboratory, Iowa State University is an Equal Opportunity/Affirmative Action Employer. Minorities and women are especially encouraged to apply.

Postdoctoral appointments are for 2 years, renewable at the end of each year, with the possibility of renewal for third year, and starting salaries range from $36,666 to $38,619 per year. Appointees receive employee benefits, including incoming travel and moving expenses.

To formally apply, please obtain an application form from Mary Anne With at (505) 667-0872, and have the application, a resume, undergraduate and graduate transcripts, and three external letters of reference sent to: Mary Anne With (MS P280), Human Resources Development Division PD-91-092, Los Alamos National Laboratory, Los Alamos, New Mexico 87545. Affirmative Action/Equal Opportunity Employer. Must be able to obtain a Department of Energy Security Clearance.

POSTDOCTORAL POSITIONS

Protein Crystallography/Protein Engineering

Two postdoctoral positions will be available at Los Alamos National Laboratory in February, 1992 for a project to determine the structures of gene V protein mutants with internal amino acid substitutions. A state-of-the-art X-ray facility with an area detector, computing and graphics facilities will be available. Candidates should have experience in protein structure determination by X-ray crystallographic methods. Experience with bacterial expression systems, site-directed mutagenesis, protein purification, and molecular modelling is helpful. For further information on the research project, contact Dr. Thomas Terwilliger, (312) 702-1346.

Postdoctoral appointments are for 2 years, renewable at the end of each year, with the possibility of renewal for third year, and starting salaries range from $36,666 to $38,619 per year. Appointees receive employee benefits, including incoming travel and moving expenses.

To formally apply, please obtain an application form from Mary Anne With at (505) 667-0872, and have the application, a resume, undergraduate and graduate transcripts, and three external letters of reference sent to: Mary Anne With (MS P280), Human Resources Development Division PD-91-092, Los Alamos National Laboratory, Los Alamos, New Mexico 87545. Affirmative Action/Equal Opportunity Employer. Must be able to obtain a Department of Energy Security Clearance.

Los Alamos
NATIONAL LABORATORY

Excellent Career Opportunities In Our Expanding Virology Department

Bristol-Myers Squibb Pharmaceutical Research Institute is continuing to expand our extensive research efforts in the area of antivirals. Excellent career opportunities currently exist for Research Investigators and Associate Research Scientists who join our Virology Department in our new Forrestal Greens research facility.

Research Investigators: Candidates should have a Ph.D. in Molecular Biology, Biochemistry, or Virology, and previous post-doctoral experience. Successful candidates are expected to conduct independent research studies to define unique viral targets for antiviral intervention and collaborate with other research groups in the design and development of novel antiviral agents.

Associate Research Scientists: Candidates should have a BS/MS degree and previous experience working in a research laboratory. Prior training in the area of Molecular Biology, Biochemistry, Hybridomas, or Virology is highly desirable.

Please forward your resume to: Human Resources Department 229, P.O. Box 4000, Princeton, NJ 08543-4000. An equal opportunity employer.
POSITIONS OPEN

JOINT INSTITUTE FOR LABORATORY ASTROPHYSICS (JILA)

JILA (operated jointly by the U.S. National Institute of Standards and Technology and the University of Colorado) is devoted to research, study, and teaching in atomic and molecular physics, chemical physics, laser physics, astrophysics, plasmas, and geophysics, with an emphasis on interdisciplinarity. Applications are invited for two positions:

- **RESEARCH ASSOCIATESHIPS for advanced research by recent Ph.D.'s.** Applications are accepted and considered anytime throughout the year.

- **VISITING FELLOWSHIPS for advanced research by senior scientists.** Deadline for completed applications is 1 November 1991.

Further information can be obtained from: The Secretary, Visiting Scientists Program, JILA, Box 440, University of Colorado, Boulder, CO 80309-0440.

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

**RESEARCH ASSOCIATE.** To perform basic research on studying the human tumor antigen-specific B lymphocytes in SCID mice. Specific tasks include preparation and characterization of lymphocyte subpopulations and enzyme inhibition for production of human-specific antibody, production of antibody specific for tumor antigens, and analysis of antibody specificity. Requires a Ph.D. in immunology or related field. Hours: 9:00 a.m. to 5:00 p.m., 40 hours per week. Salary: $29,220 per year. Contact: Sandra Starnes, Alabama State Employment Service, 3440 4th Avenue, Birmingham, AL 35232. Re: Job Order # AL0626347. Affirmative Action/Equal Employment Opportunity.

**RESEARCH ASSOCIATE.** Position available immediately to study in small laboratory animals: perturbations of immune responses in the lung due to exposure to environmental air pollution; the consequences of such perturbations in terms of susceptibility to infectious and allergic diseases and underlying mechanisms; and the development of animal models to assess allergic effects. Experience in inhalation toxicology with background in bacteriology and immunology preferred. Doctoral degree in microbiology, immunology or toxicology required. Salary: $23,500 to $28,000. 2 to 3 years of postdoctoral research experience needed. To apply, send curriculum vitae and three references by 23 August 1991 to: Philip A. Bremberg, M.D., Center for Environmental Toxicology, University of North Carolina at Chapel Hill, CB #7310, Medical Research Building C, Chapel Hill, NC 27599-7310. Affirmative Action/Equal Employment Opportunity.

**BIOMEDICAL RESEARCH AND DEVELOPMENT SCIENTIST.** Experienced research development scientist sought to join growing team responsible for developing novel immunological and molecular biological diagnostic assay systems. Candidates should have Ph.D. or equivalent training in biochemistry/molecular biology with industrial experience in development of in vitro diagnostic assays. Immunodiagnosticis is a biotechnology company offering excellent opportunities for advancement and career development. Interested candidates send resume to: Director of Personnel, Immunodiagnosticis, Inc., 3865 North Business Center Drive, Tucson, AZ 85705.

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**RESEARCH SCIENTIST.** The HLA Laboratory of the American Red Cross at the Holland Laboratories in Rockville, Maryland, has an immediate opening for a molecular biologist experienced in allelic-specific oligonucleotide probes to implement and conduct a research project on sequence-specific oligonucleotide hybridization. Candidates must have a Ph.D. with a minimum of 2 years of related experience. This position offers superior compensation and potential. Applicants should forward curriculum vitae and three references to: John Leo, Ph.D., Head HLA Laboratory American Red Cross Holland Laboratories 15601 Crabbs Branch Way Rockville, MD 20855

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**MARINE GEOCHEMIST.** Southern California Coastal Water Research Project (SCCWRP) is seeking a marine geochimist with experience in trace organic analytical chemistry to study the transport and fate of contaminants in the coastal marine ecosystem off southern California. The successful candidate will have an established publication record and previous extramural funding in marine environmental chemistry. Responsibilities include supervision of postdoctoral experience in marine environmental chemistry and management of a small chemistry group, development of research plans and grant proposals, and publication of results. Experience with GC/MS, GC, HPLC, and related techniques required. Send letter of application and curriculum vitae to: Personnel Officer, Southern California Coastal Water Research Project, 646 West Pacific Coast Highway, Long Beach, CA 90806. SCCWRP is an Equal Opportunity Employer.

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Position is available for a person with an M.D. or Ph.D. degree and training in techniques of molecular biology. Candidates with experience in fungicide development and associated research and with expertise in cell biology or virology are encouraged to apply. Send resume to: Dr. Thomas F. Smith, Section of Clinical Microbiology, Mayo Clinic, Rochester, MN 55905. Mayo Foundation is an Affirmative Action and Equal Opportunity Employer and Educator.

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**REQUEST FOR PROPOSALS.** The Colorado Department of Health and Hospitals is requests a grant to support the Colorado State University Pathology Laboratory for the Rocky Flats Nuclear Weapons Plant near Denver. These projects are due in December 1992. Interested applicants should send proposals to: Kathleen B. Borgen, 825 17th Street, Denver, CO 80202.

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