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**Flexibility in Experimental Design.** Excitation and emission wavelengths can be matched for a wide variety of fluorophores. Multiple wavelength readings allow for dual and triple-labelling experiments. And time course studies can be easily programmed.

The Model 2350 offers enhanced performance in the near UV for work with dyes such as Hoechst 33258 and MUB.
STATISTICA/w” (for Windows) A comprehensive selection of basic statistics and the full graphics capabilities of STATISTICA/w Price $495.

STATISTICA/dos” (for DOS) A STATISTICA/w-compatible data analysis system Price $750.

Quick STATISTICA/dos” (for DOS) A subset of STATISTICA/dos statistics and graphics Price $250.

Domestic sh/h $10 per product; 14-day money back guarantee.

Quick STATISTICA/Mac” (for Macintosh) A subset of STATISTICA/Mac: a comprehensive selection of basic statistics and the full graphics capabilities of STATISTICA/Mac Price $250.
POSITIONS OPEN

ASSISTANT PROFESSOR

The Shannon Point Marine Center (SPMC), Western Washington University, invites applications for a tenure-track position of Assistant Professor. The position will be available September, 1993. Expertise in marine invertebrate ecology is preferred. Duties include administration of and teaching in the Minorities in Marine Science Undergraduate Program (MMSUP) and support of the MMSUP's outreach programs. SPMC. Candidates must have their Ph.D. degree in marine biology. Experience in recruitment and mentor- ing of minority students, including anyone of American, Native Alaskan, and Native Pacific Islander students, is preferred. Teaching duties will include a 15-credit course series in Winter Quarter for MMSUP; participation in other undergraduate courses in the marine science and graduate courses in the Marine and Estuarine Science Program. An active research program is expected.

The full application must be submitted by September 25, 1992. Applications, including a letter describing research and teaching interests and specifying experience with undergraduate students, a CV, a three-page description of research and teaching career, and four letters of recommendation, should be sent to: Dr. Stephen Sulkin, Director, Shannon Point Marine Center, 1900 Shannon Point Road, Anacortes, WA 98221.

Western Washington University (WWU) is an Affirmative Action, Equal Opportunity Employer and strongly encourages women, minorities, and persons with disabilities to apply.

Cell Biologist/Immunologist. The Department of Cell Biology, Neurobiology and Anatomy at Loyola University Chicago is seeking a Cell Biologist to fill a tenure-track position at the ASSISTANT PROFESSOR level. Applicants should have completed postdoc- toral training and be capable of establishing an inde- pendent research program supported by extramural funding, although sufficient seed money will be available for establishing a laboratory. Individuals utilizing molecular approaches in the fields of general cell biology, immuno- biology or neuroimmunology are encouraged to apply. Teaching responsibilities include medical histology and graduate cell biology. Applicants should submit a letter indicating qualifications and research goals, curriculum vitae and the names of three references by December 1, 1992 to: John Clancy, Chair, Department of Cell Biology, Neurobiology and Anatomy, Loyola University Chicago, 2160 South First Avenue, Maywood, IL 60153. Loyola University is an Equal Opportunity Employer.

ASSISTANT PROFESSOR IN BACTERIAL GENETICS OR BACTERIAL PATHOGENESIS

The Department of Microbiology and Immunology at the Oregon Health Sciences University has an opening for a scientist or physician scientist at the Assistant Professor level (tenure track). Candidates should hold the degree of Ph.D. and/or M.D., and should have a strong research background and record of publication in bacterial genetics or pathogenesis. Letters of application should include curriculum vitae, bibliography, a brief statement (less than 500 words) indicating research activities, and addresses and phone numbers of three referees. Send information by November 1, 1992 to: Fred Jeffress, Professor, Department of Microbiology and Immunology, L220, 3181 SW Sam Jackson Park Road, Portland, OR 97201–3098. Equal Opportunity/Affirmative Action Employer.

CANCER RESEARCH CENTER OF HAWAII RESEARCH MEDICAL ONCOLOGIST

A tenure-track position is available for a research medical oncologist with clinical trials and/or laboratory interest. Protected time to develop and conduct research projects is guaranteed. Excellent well-equipped laboratory space is available. Requirements include: a record of accomplishment in research and qualifications permitting the practice of medicine in Hawaii. Desirable qualifications include active clinical and laboratory interests in chemotherapy and clinical markers of cancer risk and outcome. Appointment will be considered at the PROFESSOR, ASSOCIATE PROFESSOR, or ASSISTANT PROFESSOR level. Applications should include curriculum vitae and a two-page letter of interest indicating qualifications and experience. Interested applicants should send curriculum vitae to: Chair, Medical Oncologist Search Committee, 1234 Street, Honolulu, HI 96813, telephone (808) 586–3012. The University of Hawaii is an Equal Employment Opportunity/Affirmative Action Employer.

POSITIONS OPEN

ASSISTANT PROFESSOR OF CHEMISTRY AND BIOCHEMISTRY

The Department of Chemistry and Biochemistry at Utah State University seeks to hire one or two tenure-track faculty at the Assistant Professor level, who will actively participate in the Ph.D. degree program in biochemistry. A nucleic acid biochemist is sought for one of the positions; the second position is open to applicants in any area of biochemistry, but preference will be given to those whose research emphasis complements existing strengths in the department (includes areas such as free radicals and/or metals in animal or plant systems) and who can interact well with faculty in other areas of chemistry. Successful applicants are expected to develop a nationally recognized, high-quality, and active research program. A Ph.D. is required, and postdoc- toral experience is highly desirable. Opportunities exist for interaction with the Molecular Biology Program, Biotechnology Center, Toxicology Program, Center for the Study of Molecular Functions, and Agricultural Experiment Station. Curriculum vitae, graduate tran- scripts, outline of planned research, statement of teaching philosophy, and three letters of recommendation should be sent to: Search Committee, Department of Chem- istry and Biochemistry, Utah State University, Logan, UT 84322–0300. Closing date is October 15, 1992. Logan is located in the Cache Valley (popu-lation approximately 70,000), which combines rural and small-city living adjacent to wilderness areas. Utah State University is an Equal Opportunity/Affirmative Action Employer.

The University of Georgia

ASSISTANT PROFESSOR, EUKARYOTIC DEVELOPMENTAL GENETICS

The Department of Genetics, University of Georgia, invites applications and nominations for a tenure track faculty position at the assistant professor level in develop- mental genetics. Duties for the position include research as well as teaching at the undergraduate and graduate levels. We are particularly interested in individuals employing molecular and genetic approaches to significant problems in metazoan development. Candidates should have an outstanding record of research accomplishments and the potential to develop a strong, independent research program. The Department of Ge- netics currently consists of 16 faculty and is housed in a recently completed, state-of-the-art research building where the successful candidate will be provided with excellent laboratory facilities. The Department is com- mitted to building a strong program in metazoan develop- mental genetics.

Applicants should send their curriculum vitae, a statement of research interests, and at least three letters of reference to: Dr. William Timberlake, Chairman, Search Committee Department of Genetics University of Georgia Athens, GA 30602–7223 Application deadline is November 20, 1992. The University of Georgia is an Affirmative Action/Equal Opportunity Employer.

POSITIONS IN EXPERIMENTAL PSYCHOLOGY AT DUKE UNIVERSITY

The Department of Experimental Psychology of DUKE UNIVERSITY has a tenure-track ASSISTANT PROFESSOR position beginning in the Fall, 1993 in the general area of Behavioral Neuroscience with the expectation that the candidate will teach courses in learning, motiva- tion, or sensory and perceptual development. Candidates with strong research and teaching interests should send curriculum vitae, representation, and three or more letters of recommendation before December 1, 1992 to: Faculty Search Committee Department of Experimental Psychology Duke University Durham, NC 27706 Duke is an Equal Opportunity/Affirmative Action Employer.
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Selkoe, Harvard Medical School
Amyloid Precursor Protein & The Pathogenesis of Alzheimer’s Disease
Information and Registration: Nicole Boucher Fax: 617-732-7787
Center for Neurologic Diseases, Brigham and Women’s Hospital
221 Longwood Avenue, Boston, MA 02115
RESEARCH ASSOCIATE

The Alberta Peptide Institute is seeking a highly motivated scientist for the position of Facility Manager. This unique position has a variety of duties and responsibilities that include:

- directing all research efforts;
- supervision of technical personnel;
- all organizational and administrative aspects of the institute.

The ideal candidate would possess the following:

- a Ph.D. and a strong background in biochemistry and organic chemistry;
- 1-2 years of experience in a solid-phase peptide synthesis laboratory;
- exceptional communication, organization, and management skills.

The Alberta Peptide Institute is a cost-recovery core facility dedicated to providing peptide products and services to the Canadian University research community. Our research efforts and services include preparation of synthetic peptides and synthetic peptide-conjugates, protein sequencing, amino acid analysis, HPLC and mass spectrometry of biomolecules. We offer competitive salaries and an excellent benefits package ($33,951 to $45,691 depending on qualifications and experience). Closing date for this position is September 30, 1992. In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents of Canada. An interested applicant should send his or her C.V. and direct three letters of reference to:

Dr. Robert S. Hodges
Department of Biochemistry
University of Alberta
Edmonton, Alberta, Canada
T6G 2H7

The University of Alberta is committed to the principle of equity in employment. The University encourages applications from aboriginal persons, disabled persons, members of visible minorities and women.

RESEARCH ASSOCIATE POSITIONS

RESEARCH ASSOCIATE OPPORTUNITIES are periodically available with the COLLEGE OF BIOLOGICAL SCIENCES at the UNIVERSITY OF MINNESOTA. Positions may be available in the Departments of Biochemistry; Ecology Evolution and Behavior; Plant Biology; and Genetics & Cell Biology. Positions may also be available in the Bell Museum of Natural History, the Gray Freshwater Biological Institute, the Biological Process Technology Institute, the Lake Itasca Forestry and Biological Station and the Plant Molecular Genetics Institute.

These positions are for independent research. To be considered, applicants must hold a Ph.D. degree or foreign equivalent and at least two years of postdoctoral experience. Applicants are encouraged to secure salary support from an external granting agency. Multiple positions may be available, depending upon space and facilities, availability of funding, as well as faculty research interests.

Applications from interested persons must include a personal vitae, a statement of research interests and experience, names, addresses, and telephone numbers of three references, and specification of departments/programs of interest.

Closing date for applications to be received is June 30, 1993. Direct application material to: Associate to the Dean, College of Biological Sciences, University of Minnesota, 123 Snyder Hall, 1475 Gortner Avenue, St. Paul, MN 55108. The University of Minnesota is an equal opportunity educator and employer.

UNIVERSITY OF MINNESOTA

CELGENE CORPORATION is a company focused on the science of biocatalysis, synthesizing and degrading chemical compounds through the use of microbes and microbial enzymes. Our success in the area of pollution prevention has led to increased staffing requirements within our Biotreatment Systems Unit.

MANAGER, PROCESS ENGINEERING R&D

This position represents the leadership role for feasibility testing and pilot scale field operations within our Biotreatment Unit. We require a chemical/environmental engineer with 5+ years in process development/project management with experience in microbial degradation of organic compounds. This individual must be a hands-on operational leader with the strong interpersonal skills needed to supervise a multi-disciplinary team in the evaluation of candidate process streams for biotreatment. Will be responsible for the transfer of biotreatment technology from basic R&D through fabrication, installation, start-up and field service of pilot scale bioreactor systems. (Position #35)

RESEARCH MICROBIOLOGIST

Ph.D Microbiology/Biochemistry with emphasis in bacterial metabolism, physiology, or biochemistry to be responsible for isolation and characterization of microorganisms able to degrade priority pollutants. This individual will conduct a basic research program to describe biodegradation pathways, and will extensively interact with R&D engineers for scale-up and field trials of novel biotreatment systems. (Position #18)

RESEARCH ENGINEER

Ph.D Chemical/Biochemical Engineer with experience in bioprocess research and development to be responsible for development of novel in-process bioreactor systems.

We will interact with process engineering R&D in troubleshooting and optimizing bioreactors and unit operations from lab scale-up to pilot. (Position #33)

CHEMICAL FIELD ENGINEER

BSMS Chemical Engineer with 3+ years' experience in field operation of pilot and full scale treatment units. Responsibilities include start-up, operation, and troubleshooting of biotreatment units at the client's site. Travel required. Experience in chemical industry preferred. (Position #1)

ANALYTICAL CHEMIST

BSMS Analytical Chemist with 3+ years' industrial or research experience with chromatographic and spectrophotometric analyses. Responsible for methods development and performing analytical assays on priority pollutants at ppb levels in environmental samples. Organic/chemistry/biochemistry background helpful. (Position #34)

MICROBIOLOGISTS/BIOCHEMISTS

To qualify, we require individuals with a BSMS in Microbiology/Biochemistry or related area, a background in microbial physiology, nutrition and biochemistry, experience in the use of GC, HPLC, spectrophotometers and bacterial/fungal culture techniques. (Position #30)

We offer a competitive salary/benefits package and state-of-the-art facilities located in Central NJ, one hour between NYC and Philadelphia. Please send your resume and salary requirements, indicating position # to: Human Resources Manager, Dept. SCI, Celgene Corporation, 7 Powder Horn Drive, Warren, NJ 07059. EOE M/F.
National Institutes of Health (NIH)

ASSOCIATE DIRECTOR
FOR COMMUNICATIONS

The National Institutes of Health (NIH), Public Health Service, Department of Health and Human Services, invites nominations and applications for this Senior Executive Service (SES) position, with a current salary range of $90,000 to $112,000 per annum. The Associate Director carries out the primary information mission of NIH through a comprehensive national public affairs program providing information to health care providers, researchers, and the public. The Associate Director will develop agency-wide plans for communications programs that display NIH-sponsored research results and their impact. The Associate Director will also develop and implement communications programs in support of appropriate elements of NIH's strategic plan. The Associate Director manages the Office of Communications and serves as the Freedom of Information Act Officer for NIH.

The complete Civil Service vacancy announcement which lists the managerial and technical qualifications required, the forms required for application to the SES position, and an Application for Federal Employment (SF-171) may be requested by letter or by telephoning (301) 496-2400.

Complete applications must be received no later than September 30, 1992, at the following address:

National Institutes of Health
Office of the Director
Personnel Office
ATTN: D. Kraut
Building 31, Room 1C-27
9000 Rockville Pike
Bethesda, Maryland 20892

NIH is an Equal Opportunity Employer

DEAN
Purdue School of Engineering and Technology
Indiana University–Purdue University at Indianapolis

The Purdue School of Engineering and Technology on the Indiana University–Purdue University at Indianapolis Campus, is seeking applications and nominations for the position of Dean.

Responsibilities: The Dean provides innovative academic and administrative leadership. The School has an annual budget of $10.6m; enrolls 2,300 majors; and has a full-time faculty of 70. This position affords an opportunity to shape a growing enterprise whose institutional character and mission are of central importance will be fostering collaboration among engineering and technology faculty and facilities in the Schools of Medicine, Dentistry and Science to fully exploit opportunities for educational and research synergy.

Qualifications: Candidates must have qualifications and achievements consistent with a tenured appointment as full professor in the School, and a background that exhibits an outstanding record of leadership and achievement, and a demonstrated commitment to higher education. Desirable qualifications include:

- an earned doctorate in engineering or closely related fields;
- an ability to lead and manage faculty, staff and students;
- a commitment to excellence in teaching, research and service;
- personal qualities that facilitate effective working relationships with the University, other disciplines and schools, alumni and business leaders;
- an understanding of the nature of and requirements for interdisciplinary research.

The School: The School of Engineering and Technology offers programs leading to Purdue University degrees at the baccalaureate and masters levels in departments of Electrical and Mechanical Engineering. Associate and baccalaureate degrees are awarded through departments of Computer Technology; Construction Technology; Electrical Engineering Technology; Manufacturing Technology; Restaurant, Hotel, and Institutional Management; and Supervision. With an increased emphasis on research, especially in bio-medical technology and electronics, the combination of engineering and technology in one School affords special opportunities to anticipate new developments in both higher education and industry.

Sterling Date: The position will be available on July 1, 1993.

Application and Nominations: Applications received before November 1, 1992 will be given priority. Candidates should submit a letter of interest and a curriculum vitae or resume. Nominations and applications should be sent to:

R. Thomas Lenz, Chair
Search and Screen Committee
Dean, School of Engineering and Technology
Indiana University–Purdue University at Indianapolis
801 W. Michigan Street, Room BS 304C
Indianapolis, Indiana 46202-5315

IUPUI is an Equal Opportunity, Affirmative Action Employer. Candidates with a proven commitment to improving the participation of women and minorities in the engineering and technology professions are especially welcome.

POSITIONS OPEN

Duke University FACULTY POSITIONS IN PATHOLOGY. We currently have several openings (which can be filled immediately) for faculty members (tenure-track) in our department. We are particularly interested in recruiting young scientists at the level of ASSISTANT PROFESSOR. The Department of Pathology invites applications and nominations from qualified individuals who have demonstrated excellence in research in the following areas:

A) Asthma
B) Renal disease
C) Blood coagulation
D) Autoimmune disease
E) Cancer

In addition, we are interested in recruiting individuals who are currently working in the following areas:

A) Molecular diagnostics
B) Immunohistochemistry
C) Electron microscopy
D) Flow cytometry

Applicants should have an MD or PhD and should have demonstrated a commitment to excellence in teaching and research. Successful candidate will be expected to join our faculty at a rank commensurate with his/her experience and accomplishments. Application materials and inquiries should be sent to: Dr. Steven F. Maier, Department of Pathology, Box 345, University of Colorado, Boulder, CO 80309. The deadline for application is December 1, 1992.

ASSISTANT PROFESSOR OF NUTRITION. A 10-month, tenure-track position is available in the Graduate Program in Nutrition at the University at Buffalo (UB). Ph.D. in nutrition or related field, preferably followed by postdoctoral research in nutrition-related field. Successful candidates are expected to develop a research program in nutrition that can attract extramural funding, advise graduate students, teach undergraduate courses and participate on committees. Deadline is September 15, 1992 or until position is filled. Send curriculum vitae, three letters of reference, and a statement of research and teaching interests to: Dr. John Jantke, Chairman, Search Committee, ECOL 2710, Buffalo, NY 14214.UB is an Equal Opportunity/Affirmative Action Employer.

ECOLOGY/EVOLUTIONARY BIOLOGIST

The Department of Biology at the University of Rochester seeks to appoint a tenured-track ASSISTANT PROFESSOR in the area of Ecology/Evolutionary Biology. Preference will be given to individuals whose research focuses on plants, although all applications will be considered. Please send curriculum vitae, three letters of reference, and a statement of research and teaching interests to:

Dr. John Jantke, Chairman, Search Committee
Department of Biology
University of Rochester
Rochester, NY 14627-0211

Closing date for receipt of completed applications is October 31, 1992. The University of Rochester is an Equal Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply.

The Department of Psychology, University of Colorado, Boulder, invites applications for a tenure-track FACULTY POSITION in the Behavioral Neuroscience area to begin August 16, 1993. We seek an individual with specialization in neuroendocrine systems and their relation to behavior. Preference will be given to individuals working at the receptor, second messenger, or biochemical levels and who employ modern techniques in their research. The position is at the ASSISTANT PROFESSOR level, and applicants must have demonstrated ability for superior research and teaching. Salary is dependent on experience.

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

Applicants should send curriculum vitae, reprints, a statement of research and teaching interests, and three letters of recommendation to Dr. Steven F. Maier, Department of Psychology, Box 345, University of Colorado, Boulder, CO 80309. The deadline for application is December 1, 1992.
MICHIGAN STATE UNIVERSITY (MSU)  
PARASITOLOGY

The Department of Microbiology and the College of Veterinary Medicine at Michigan State University seek to fill a tenure-track faculty position at the level of ASSISTANT PROFESSOR in the area of animal parasitology. Candidates whose research involves modern molecular, biochemical, and/or immunological approaches are of particular interest. Responsibilities include teaching duties within the veterinary curriculum and directing externally funded research program with national visibility. A Ph.D. is required. A D.V.M. or two or more years of postdoctoral experience is desirable. The Department of Microbiology at MSU is one of the largest and most diverse such departments in the nation with excellent undergraduate, graduate and professional school programs. To apply, send curriculum vitae with an outline of plans for future research and arrange for at least three letters of reference to be sent to: Chairperson, Parasitology Search Committee, Department of Microbiology, 178 Giltner Hall, Michigan State University, East Lansing, MI 48824. Review of applications will begin October 15, 1992. Michigan State University is an Affirmative Action/Equal Opportunity Employer. Women and minority candidates are particularly encouraged to apply.

FACULTY POSITION  
PROCARYOTIC MICROBIOLOGIST

Applications are invited for a tenure-track position in the Department of Microbiology, University of Pennsylvania School of Medicine, to commence July 1, 1993. Candidates at the ASSISTANT PROFESSOR level are preferred, but others will be considered. Applicants should have established research interests in molecular genetic and/or immunological approaches to microbial pathogenesis. Applicants should have at least two years of postdoctoral experience and are expected to demonstrate the potential to develop a strong, independently funded research program. Teaching responsibilities include participation in a seminar-taught microbiology course for medical students and prokaryotic molecular genetics for graduate students. Send curriculum vitae, names of at least three references, and a description of past research accomplishments and future plans to: Dr. Daniel Porney, Search Committee, Department of Microbiology, University of Pennsylvania School of Medicine, Philadelphia, PA 19104-6076. Application deadline: 15 November 1992. An Equal Opportunity/Affirmative Action Employer.

DRUG ABUSE SCIENTIST

Applicants are sought for a tenure-track position in the Commonwealth of Virginia Center for Drug Abuse Research, Medical College of Virginia (MCV), Virginia Commonwealth University (VCU). Applicants must have sufficient teaching and scholarly experience to qualify for appointment at the rank of ASSOCIATE PROFESSOR. The candidate must have demonstrated research experience in i.v. drug self-administration and drug discrimination research with nonhuman primates and have available, transferable research grant support in these areas. The applicant should have teaching experience in psychopharmacology and an outstanding scientific reputation in the field of drug abuse research. Applicants must have tenure-track status or have tenure-track status or be on national advisory committees and editorial boards. Apply to: Dr. W. L. Dewey, Director, Commonwealth of Virginia Center for Drug Abuse Research, Box 566, Virginia Commonwealth University, Richmond, VA 23298-0568. VCU is an Equal Opportunity/Affirmative Action Employer and encourages women, minorities and those with disabilities to apply. Application deadline: October 15, 1992. Position description available.

REPRODUCTIVE ENDOCRINOLOGIST, PH.D.

Applications are invited for a basic science faculty position at the ASSOCIATE PROFESSOR level in the Division of Reproductive Endocrinology. A highly motivated Ph.D. with demonstrated expertise in reproductive endocrinology and animal biology is required. The applicant should have an established record of independent research and extramural grant support. Salary is commensurate with qualifications and experience. Send letter of application designating current and long-term research interests, curriculum vitae, three recent publications, and names of three references to: Dr. Anthony G. Socco, Ph.D., Wayne State University (WSU), Department Obstetrics/Gynecology, C.S. Mott Center, 275 East Hancock Avenue, Detroit, MI 48201. WSU is an Equal Opportunity/Affirmative Action Employer.

Immunologists

At Cytel, we are committed to scientific excellence. The diversity and exceptional quality of our scientific effort has resulted in important breakthroughs in immunology, glycochemistry and adhesion molecules. We are seeking creative scientists with a superior record of accomplishment to help us achieve our goal: the development of human therapeutics to meet important health care needs. If you wish to contribute to the discovery and development of novel regulatory molecules through innovative concepts and strong in vitro and in vivo approaches, we would like to hear from you.

ANTI-INFLAMMATION

You will conduct studies into the cellular and molecular mechanisms of chronic inflammation and devise a means for intervention. Candidates must have a Ph.D. or M.D., with postdoctoral experience in immunology and/or cell biology and demonstrated expertise in flow cytometry analysis. Experience in studies of leukocyte trafficking and cell adhesion molecules is preferred.

ANTI-TUMOR/VIRAL THERAPY

You will conduct studies focused on the characterization of antiviral-specific cytolytic T lymphocytes for reinfusion into patients. Successful applicants must have a Ph.D. or M.D. or extensive relevant work experience. Specific experience in the vivo stimulation of lymphocytes or TIL cells, characterization of cells for reinfusion, and compliance with regulatory guidelines is essential.

Cytel provides a challenging research environment for dedicated scientists. In addition to competitive salaries we offer fully paid medical and dental benefits, full relocation assistance, stock options, and an employee stock purchase plan. Our research and development facility is located in San Diego's biotechnology center near La Jolla. To explore a career at Cytel, please send your curriculum vitae to Dr. Howard Grey, Vice President, Research, Cytel Corporation, 3525 John Hopkins Court, San Diego, CA 92121. We are an equal opportunity employer.

SMITHKLINE BEECHAM PHARMACEUTICALS

At SmithKline Beecham, we seek people with the right questions. We are the company where you can discover the answers that improve medicine. We believe that identifying the right questions is the key to developing products that make a difference in people's lives. Our goal is to become one of the leading research-driven pharmaceutical companies in the world. We are searching for research professionals who are interested in working in a dynamic, multiprogram environment.

MACROMOLECULAR CRYSTALLOGRAPHER

SmithKline Beecham Pharmaceuticals, a world leader in pharmaceutical research, is seeking a Protein Crystallographer to join its expanding program in structure-based drug design. The selected candidate will be expected to initiate a viable research program in the area of protein crystallography, and work on proteins of interest to SmithKline Beecham. These areas include proteins, receptors and enzymes of therapeutic interest.

Candidates must have a Ph.D. in a relevant discipline and a strong background in the practical aspects of Macromolecular Crystallography, including protein crystallization, data acquisition, structure solution and refinement, and molecular modeling. The responsibilities of this position emphasize collaborations with other SmithKline Beecham scientists and the ability to work as part of multidisciplinary teams.

Our state-of-the-art research facility is located in suburban Philadelphia, near Valley Forge, PA. Our facility is equipped with area detectors, rotating anode generators, an extensive network of computers and modern graphic systems. We offer a competitive compensation, benefits and relocation package, as well as a stimulating environment in which to grow and excel. For confidential consideration, please send your C.V. and the names of three references to: N. Hasson, Employment Administrator, #H0338, SmithKline Beecham Pharmaceuticals, P.O. Box 1539, King of Prussia, PA 19406-0539. We are an Equal Opportunity Employer, M/F/H/V.

SmithKline Beecham Pharmaceuticals

Challenging the natural limits.
Postdoctoral Research with Impact.

The resources of two powerful companies have joined together to create a totally new entity in pharmaceutical research. This fusion is generating a new and exciting level of energy and expertise within our teams of top-level R & D professionals. Consider this opportunity. Two years with us will help shape your career.

And while you're helping us, you'll be participating in a postdoctoral program with a novel training environment, opportunities for publication, and symposiums to share postdoctoral work. This is truly industry research at its best.

If you are a scientific professional who qualifies for any of the following two-year postdoctoral positions, please contact us.

Growth Factor Receptor/Structural Biology

Individuals with skills in molecular biology, biophysical chemistry, medicinal chemistry, and molecular modeling are needed to strengthen ongoing efforts to characterize the interactions of growth factors with their respective receptors. Facilities exist for thermodynamic (titrating and scanning calorimetry) and spectroscopic characterization of protein/ligand interactions and protein folding/stability, together with an X-ray crystallographic lab with several Silicon Graphics molecular modeling workstations. Please respond to SCI/MP.

Protease Inhibitors

Candidates should have a strong background in synthetic organic chemistry. In addition, applicants should have an interest in the evaluation of the interaction of small molecules with proteases and in therapeutic applications of protease inhibitors. Please respond to SCI/CK.

Inflammatory Diseases Research

Three postdoctoral positions are available for candidates with a PhD, MD or DVM and experience in inflammatory or immune-based models. Research experience should include aspects of tissue culture, immunology, histology, immuno-chemistry and molecular biology. The three positions are:

- **Intracellular Steroid Receptors**
  A two-year postdoctoral program offers a challenging opportunity to investigate eucaryotic gene regulation with special emphasis on the role of steroid receptors and the interactions between transcription factors. The candidate should be familiar with the principles of gene regulation and possess demonstrable expertise in molecular biological techniques and DNA-protein assays. Experience with steroid receptors is highly desirable. Please respond to SCI/RR.

- **Macrophage Pathology**
  Your interest in the role of macrophage pathology in inflammatory diseases is important. Expertise in tissue culture, blood cell isolation, cytokine and macrophage biology is preferred with additional preference to candidates with backgrounds in histology and immunochemistry. PhD required. The individual research project will be customized to the candidate’s interests in combination with the group research objectives. Please respond to SCI/RN.

- **Immunosuppression/Immune-Based Tolerance**
  The ideal candidate will have an interest in the role of the T Lymphocyte in immunosuppression and immune-based tolerance. Experience with models of immunosuppression and tolerance is desirable with a preference to candidates with expertise in T Lymphocyte activation and T cell anergy. The individual research project will be customized to the candidate’s interests in combination with the research objectives of the group. Please respond to SCI/BJ.

Radiopharmaceutical Research

This postdoctoral position is available for research of the mechanisms of radiopharmaceutical accumulation in solid tumors. This project will utilize radionuclide imaging technology as well as biochemical and cell culture procedures. The successful candidate will have a recent MD or PhD in Molecular Biology, Biochemistry or a related discipline. This position is based at the Radiopharmaceutical Research facilities of Du Pont Merck in Billerica, MA. Please respond to SCI/MT.

HIV Research

Two postdoctoral positions are available in the area of HIV Research:

- **Study of HIV infection of differentiated helper T cells**
  Research in this exciting area will encompass molecular analysis of virus infection, effects of novel antiviral compounds on virus replication and related aspects of virus: cell interaction. Research will be conducted in the context of a program focused on the discovery and development of novel anti-HIV therapeutics. The ideal candidate will have a PhD, MD or equivalent degree and will have a background in molecular biology including experience using PCR. The candidate should also have demonstrated ability and interest in cellular immunology and virology. Experience with cell separation technology and FACS analysis will be a plus. Please respond to SCI/HR.

- **Study of HIV genetic diversity as it applies to antiviral drug susceptibility**
  Research in this exciting and important area will involve isolation and characterization of infectious variants of HIV-1. The research will be focused on the discovery of novel anti-HIV drugs. The ideal candidate will have a PhD, MD or equivalent with a strong background in molecular virology, PCR and DNA sequencing techniques. Please respond to SCI/MO.
Postdoctoral Research with Impact.

Regulation of Gene Expression-Translational Control

A postdoctoral position exists in our inflammatory diseases molecular biology group which will investigate the role of small molecules in controlling mRNA translation. A novel system of oxygenated sterol control of HMG-CoA reductase will be investigated. The successful candidate will have an MD, PhD or equivalent with expertise in some or all of the following: enzyme assays, protein purification, cloning, cell culture, in vitro transcription and translation, RNA extraction, Northern analysis, nuclear run-on assays, electrophoresis, antibody production, immunoprecipitation. Please respond to SCI/TF.

Ribozyme Design & Development

This two-year postdoctoral position provides an opportunity to be involved in the cutting edge research of designing and developing ribozymes as molecular biology tools and potential therapeutic agents. Expertise in molecular biology techniques, especially those pertaining to RNA, are required. A PhD in Molecular Biology is preferred. Please respond to SCI/SH.

HIV Protease Inhibitor Design and Synthesis

This postdoctoral position provides an opportunity for a good synthetic organic chemist to be involved in the exciting research of design and synthesis of novel HIV protease inhibitors. Emphasis will be on the application of new discoveries and principles in molecular recognition and protein structures. You will be joining a multidisciplinary team to discover a cure for AIDS via computer-aided drug design (CADD). Please respond to SCI/PL.

Gene Transfer

A postdoctoral position is available for a highly motivated individual to join our study on gene transfer and regulation. Candidates should have a PhD or MD, strong background in molecular and cell biology, and some experience in protein isolation and characterization. The postdoctoral study will be focused on the development of new technologies and mechanistic studies; however, the specific project will be customized to the strength and interest of the candidate. Please respond to SCI/YEC.

For prompt, confidential consideration, please indicate position number and area of interest, and forward a CV, statement of research interests and career goals to: Administrator, Postdoctoral Program, The Du Pont Merck Pharmaceutical Company, Dept. SCI-80, P.O. Box 8028, Wilmington, DE 19880-0288. Du Pont Merck encourages the power and achievement of each individual in our diverse community of professional teams.

Filamentous Fungal Scientists

Novo Nordisk Biotech, Inc. has been established as a wholly owned R & D subsidiary of Novo Nordisk A/S, a major international Danish industrial biotechnology and pharmaceutical company. Novo Nordisk Biotech, Inc., located in Davis, CA, is focusing on the cloning, expression, mutagenesis and characterization of industrial enzymes. The Company has several positions open within each discipline noted below.

Fungal Physiology Scientists

Ph.D. in microbiology/genetics or related field with postdoctoral experience. (Job FP-S)

Research Associates

B.S. and/or M.S. in microbiology/genetics or related field with at least two years' research experience. (Job FE-RA)

All fungal physiology candidates must have a strong knowledge of and extensive experience with methods relevant for studying physiology at a cellular level in filamentous fungi. The research will focus on the kinetics of protein synthesis and secretion as well as intra/extra cellular stability of specific recombinant proteins expressed in filamentous fungi. Research will also focus on the influence of macroscopic morphology of the mycelium on expression yield in lab scale fermenters. The aim is to develop improved expression systems, and exploit these systems by developing optimal fermentation processes. Candidates that have prior experience with laboratory scale fermentations will be preferred.

Protein Chemistry/Enzymology Scientists

Ph.D. in biochemistry or related field with postdoctoral experience. (Job PE/S-E)

The candidates must have a strong knowledge of protein chemistry. Three positions are available in the following areas of expertise: 1) Protein Purification, 2) Protein Engineering and 3) Analytical Biochemistry. Candidates must have experience working with oxidoreductases and/or other enzymes.

Fungal Molecular Biology Scientists

Ph.D. in molecular biology or related discipline with postdoctoral experience working with filamentous fungi. (Job FM-B-5)

Research Associates

B.S. and/or M.S. in molecular biology with at least two years' research experience. (Job FM-RA)

All fungal molecular biology candidates must have extensive experience in construction and screening of genomic and cDNA libraries, PCR, nucleic acid hybridization, transformation, design of expression vectors and expression systems for filamentous fungi. Preference will be given to those individuals with knowledge of gene regulation and/or fungal physiology.

All positions require a proven record of innovative research involving their respective disciplines, as demonstrated by publications in peer reviewed journals. Candidates having evidenced strong intuition for selecting relevant directions for industrial research will be preferred. Novo Nordisk Biotech, Inc. offers competitive compensation and a comprehensive benefits program. If you are innovative, well-organized, highly motivated and meet the above criteria, please send your curriculum vitae with a list of references for consideration. In confidence to: Novo Nordisk Biotech, Inc., Department of Human Resources, 1445 Drew Avenue, Davis, CA 95616. Please indicate the position for which you are applying. We are an equal opportunity employer.

Novo Nordisk A/S is a major international biotechnology company leading in the manufacture of insulin and the treatment of Diabetes. The company is the world's largest producer of industrial enzymes and also manufactures a number of other pharmaceutical and biocatalyst products such as antibiotics and biopesticides. The company employs more than 10,000 people in 40 countries and has its headquarters in Denmark.
ASSISTANT PROFESSOR RESEARCH TRACK

The Dental Research Center, University of North Carolina at Chapel Hill, seeks a biochemist for investigations on the extracellular matrix proteins in mineralized tissues. This is a full-time, tenure-track faculty position with primary responsibilities in collagen biochemistry research in an established laboratory setting, with opportunities for development of complementary research interests. Additional duties include participation in an oral biology graduate program and postdoctoral training. Applicants must have an M.D., D.D.S., or Ph.D. in biochemistry or related area, minimum of one year postdoctoral training and extensive experience with protein chemistry, molecular and cell biology. Evidence of publications and other scholarly activities desirable. Preference will be given to candidates who apply before October 15, 1992.

Send curriculum vitae, statement of research interests, and three letters of recommendation to: Dr. Mitsuo Yamauchi, CB#7455, Dental Research Center, University of North Carolina, Chapel Hill, NC 27599-7455.

ASSOCIATE DIRECTOR FOR RESEARCH

Sepulveda Veterans Administration Medical Center (VAMC) UCLA-affiliated GRECC seeking M.D. or Ph.D. biomedical scientist studying aging or age-related diseases. Applicants with availability for Associate or Full Professor at UCLA. Can establish strong research program. Additional funded positions, space and resources available. Sepulveda VAMC is an Equal Opportunity/Affirmative Action Employer. U.S. citizenship required. Send curriculum vitae and inquiries to: Ms. Adina Katz, Sepulveda VAMC GRECC (11B), 16111 Plummer Street, Sepulveda, CA 91343.

CHAIR, DEPARTMENT OF MICROBIOLOGY AND IMMUNOLOGY

The State University of New York Health Science Center at Syracuse invites applications and nominations for the position of Chair of the Department of Microbiology and Immunology. Candidates must have a Ph.D. or M.D. degree, or both, a distinguished record of research accomplishments, a commitment to teaching, and a desire to be a part of an innovative department of premiere status. The Department is undergoing extensive renovations of its research facilities and a number of vacant state-funded tenure-track lines are available to the new Chair. Applications from women and minorities are encouraged. Curriculum vitae of interested candidates and nominations should be sent to: Richard J. Bartlett, M.D., Department of Biology and Chemistry, Syracuse University, Syracuse, NY 13244.

CHAIRPERSON, INFECTIOUS DISEASE

Cook County Hospital, Chicago, IL is seeking a Chair, Infectious Disease. Under the Division Chair's leadership, the 8-member faculty is responsible for all adult clinical I.D. services (including a rotation section) as well as postgraduate training responsibilities for Fellows and rotating residents. The division Chair will be expected to provide leadership, management, and academic support for the Infectious Disease Fellowship. Review of applications will begin October 1, 1992.

Send curriculum vitae and names of two references to: Dr. Charles Yarish, Head of Search Committee, University of Connecticut, 611 Stillwater Avenue, Storrs, CT 06269. Screening will begin October 1, 1992 and continue until the position is filled. We encourage applications from minorities, women and people with disabilities.

PROFESSOR AND HEAD DEPARTMENT OF ENDOPTOMOLOGY TExAS A&M UNIVERSITY

Texas A&M University seeks a distinguished scientist-educator to provide leadership, direction and oversight of about 100 faculty and staff, 70 graduate, and 45 undergraduate students. The department's programs focus on the basis and applied aspects of insect biology, systematics, molecular sciences, and insect management. The Head will provide intellectual and philosophical leadership necessary to maintain and strengthen the department's national and international prominence in its highly interdisciplinary fields of entomological sciences, the educational programs, manage and coordinate departmental resources, and serve as a principal advisor to administrators and external agencies. The Department Head holds an academic appointment as Professor in the College of Agriculture, and Life Sciences and is responsible for the administration of the statewide entomology programs of the Texas Agricultural Experiment Station and of the Texas Agricultural Extension Service. Qualifications include a Ph.D. with an emphasis in entomology, an academic record of distinction in teaching, research and/or extension in a university environment; and capability for leadership. Applications should include curriculum vitae, statement of research and extension programs. Applications, or inquiries, should be submitted to: Professor and Head, Department of Entomology, Texas A&M University, College Station, TX 77843.
HUBBLE POSTDOCTORAL FELLOWSHIPS

The Space Telescope Science Institute announces the continuation of the Hubble Fellowship Program in cooperation with astronomical institutions throughout the United States. The main objective of the Program is to provide recent postdoctoral scientists of unusual promise and ability opportunities for research on problems, largely of their own choosing, that are related to the Hubble Space Telescope science and compatible with the interests of the host institutions. The program is open to scientists of any nationality who have earned their doctorates after January 1, 1990, in astronomy, physics, or related disciplines.

The duration of the fellowship is for a total of three years, which includes an initial appointment of two years and an extension to a third year, contingent on a positive mid-term review. Contingent on funding from NASA, up to 15 new Hubble Fellows will be supported this year by grants to United States institutions.

The Announcement of Opportunity, including the application instruction, may be obtained from the address listed below. The application deadline is November 20, 1992. The new Hubble Fellows are expected to begin on September 1, 1993. Minorities and women are strongly encouraged to apply. EEOAAM/F/DV.

Hubble Postdoctoral Fellowships
SPACE TELESCOPE SCIENCE INSTITUTE
3700 San Martin Drive - Baltimore, MD 21218
SPAN:5559:HELFOWS
BITNET:HFELLOWS@STSCI.BITNET
INTERNET:HELFOWS@STSCI.EDU
Attention: Hubble Fellowship Program Office

Protein Chemist

The PARKE-DAVIS Pharmaceutical Research Division of Warner-Lambert Company has an exceptional opportunity for a protein chemist to support new drug discovery programs in molecular biology, biochemistry, biotechnology and analytical chemistry to characterize the structure of biologically active peptides and proteins. This person will play a key role as a member of our structure facility interfacing with biomolecular research programs. Responsibilities include purifying and preparing proteins for structural elucidation, protein sequencing, peptide mapping, capillary and gel electrophoresis, microbore and capillary HPLC, chemical modifications, electroblotting, and amino acid analysis. Other technology utilized in the structure facility are mass spectrometry (e.g., electrospray, laser desorption, LC/MS) and NMR spectroscopy (e.g., isotope editing, multidimensional).

Requirements for this position include a Ph.D. in Biochemistry or Protein Chemistry with 3-5 years of experience beyond degree (or equivalent experience) in protein chemistry. A broad experience in the characterization of proteins is required. Prior experience in a core facility is desirable. Interested persons should submit their resume with references to Box JDM-GM, Human Resources Department, PARKE-DAVIS Research Division, Warner-Lambert Company, 2800 Plymouth Road, Ann Arbor, MI 48105. "Smoke-Free Work Environment"
Harvard Medical School Faculty Position
To study the molecular biology of epithelial calcium transport. Applicants should have a Ph.D. and/or M.D. degree, extensive postdoctoral training in biochemistry and molecular biology, and a strong commitment to both research and teaching. The successful candidate will join a large effort devoted to physiology, biochemistry and molecular biology of epithelial ion transport. For further information contact: Dr. David Gershon, Director, Renal Division, Brigham and Women's Hospital, 75 Francis Street, Boston, MA 02115.

FACULTY POSITION
MOLLEULAR BIOLOGY
TO BIOLOGICAL TIMING
Tenure track position in the School of Medicine in association with the NSF Center for Biological Timing. The Center offers newly renovated laboratory space. We seek individuals with research interests in the molecular mechanisms for the generation and control of neuroendocrine rhythms. Interested candidates should send curriculum vitae, statement of research interests and three letters of reference by October 15, 1992 to: Dr. Margaret Shupnik, Chair, Search Committee, NSF Center for Biological Timing, Gilmer Hall, University of Virginia, Charlottesville, VA 22903-2414. The University of Virginia is an Affirmative Action/Equal Opportunity Employer.

PLANT MOLECULAR BIOLOGY
OPEN RANK
The Department of Biology at the University of Michigan invites applications for a Plant Molecular Biology position. Applicants are anticipated at the level of tenure-track Assistant Professor, candidates at all levels will be considered. We seek individuals who employ the techniques of molecular biology in attacking significant problems in plant biology. Any subject in plant biology is appropriate. The most important consideration will be the quality of the candidate's work. The Department has recently completed a $13 million building renovation, and the new faculty member will be housed in a modern laboratory. In addition, the Matthaei Botanical Gardens, a unit of the Department, provides facilities for the growth of experimental material. The Department has facilities for DNA synthesis and molecular genetics; peptide synthesis and DNA and protein sequencing facilities are available nearby. The successful candidate will be expected to conduct an active research program and participate in the graduate and undergraduate teaching program. The Department requires that all new faculty members include current curriculum vitae, a statement of research plans, and should request three letters of recommendation from at least three referees be sent directly to the Department of Biology at the University of Michigan. Application materials should be addressed to:

Dr. Eran Pichersky
Chair, Plant Molecular Biology Search Committee
Department of Biology
The University of Michigan
Ann Arbor, MI 48109-1048

Deadline for applications is October 15, 1992.

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

INSTRUCTOR IN COMPARATIVE PATHOLOGY
Conduct collaborative and independent research on reproductive biology of nonhuman primates and reproductive biology of human beings. Specifically: develop in vitro culture techniques and maintain and manipulate large numbers of fertileizable rhesus monkey oocytes from nonhuman primates in culture; initiate programs in artificial insemination; development of a sperm bank; study the role of fetal adrenal hormones to parturition; and develop methods to predict ovulation in rhesus monkeys.

Candidates seeking consideration should have the following: Ph.D., M.D. or Ph.D. in the specialized field of animal reproductive physiology; and at least four years pre- or post-doctoral experience in the field of reproductive biology. Applicants should have experience in performing the techniques listed above. Salary $35,000 per annum. Send resumes to:

Case #21022
P.O. Box #9986
Boston, MA 02114

FACULTY POSITIONS
MOLLEULAR BIOLOGY AND CELL BIOLOGY
NORTHEASTERN UNIVERSITY
The Department of Biochemistry, Molecular Biology and Cell Biology seeks outstanding candidates for full-time faculty positions. The search will focus on cellular and developmental biology, and structural biology. Candidates should submit curriculum vitae, a statement of future research objectives and letters of reference from three persons knowledgeable of the candidate's research and teaching abilities to: Chairman, Faculty Search Committee, Department of Biochemistry, Molecular Biology and Cell Biology, Northwestern University, Evanston, IL 60208-3300. To ensure full consideration, applications should be received by October 15, 1992. Women and members of minority groups are urged to apply. Affirmative Action/EQUAL Opportunity Employer.

FACULTY POSITION
NEUROBIOLOGY
POSTDOCTORAL POSITION
The Division of Biology, California Institute of Technology, seeks POSTDOCTORAL MEMBERS in the areas of Cell Biology and Immunology. Applications will be accepted for tenure-track positions. Successful applicants are expected to generate creative and productive research programs. Candidates are expected forward their curriculum vitae, list of publications, a brief statement of research interests and plans, and arrange for letters of recommendation to be sent to: Dr. Joyce Kato, Immunology and Cell Biology Search Committee, Division of Biology 147-75, California Institute of Technology, 1200 E California Blvd, Pasadena, CA 91125. The California Institute of Technology is an Equal Opportunity/Affirmative Action Employer and encourages the applications of qualified women and minorities.

DEVELOPMENTAL BIOLOGY
THOMAS JEFFERSON UNIVERSITY
Tenure-track faculty position in the Department of Anatomy and Developmental Biology. Thomas Jefferson University, an academic health center, has rapidly expanding programs in cellular and molecular biology. Applications are invited from candidates having postdoctoral training and demonstrated excellence and productivity in a research area of normal or abnormal animal development. There must be clear evidence of potential to establish an independent, externally funded research program. We will consider all appropriate methodological and theoretical approaches. Primary teaching responsibilities will be in Medical Histology and graduate programs. To apply send CV, cover letter, current statement of research objectives and teaching interests, plus three letters of recommendation to: Dr. Thomas B. Krtulich, Dean, Department of Anatomy, Thomas Jefferson University, 1020 Locust Street, Philadelphia, PA 19107. We are committed to a smoke-free environment. Thomas Jefferson University is an Affirmative Action/Equal Opportunity Employer.

POSTDOCTORAL POSITION IN MOLECULAR BIOLOGY
POSITION available immediately to study mechanisms of cross-talk between the transcriptional and extracellular matrix gene expression in experimental cardiac hypertrophy and fibrosis. Candidates with experience in molecular biology should submit curriculum vitae and names of references to: Dr. R. I. Bashay, Rheumatology Research, 508 Blueme Life Sciences Building, Thomas Jefferson University, 233 South 10th Street, Philadelphia, PA 19107-5441.

NEUROBIOLOGY POSTDOCTORAL POSITION
Molecular and cellular/structural approaches may be used to study the development, plasticity in the rodent and primate brain. Ongoing studies address (1) the identification of cellular factors that regulate neuropeptide expression and release, and (2) the role of neurotransmitter and hormone receptors in the control of mammalian neuronal development. Please send curriculum vitae, a description of research interests and names of references to: Richard J. Smelser, Oregon Regional Primate Research Center, 505 N.W. 18th Ave., Beaverton, OR 97006. Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITION
Appointment in Anesthesiology. Participation in evaluation of existing and new technology using electrical stimulation to relieve the pain. Involves interaction with patients and physicians, development of computer data bases, preparation of written reports and participation in physician training programs. Above average skills in the use of English for verbal and written communication required. Contact: James E. Humes, Department of Anesthesiology, Oregon Health Sciences University, 3181 SW Sam Jackson Park Road, Portland, OR 97239, Fax: (503) 225-2033.

POSTDOCTORAL POSITION IN CANCER GENETICS
The University of Michigan. Position available mapping and identifying genes altered in human tumor cells. The University of Michigan is taking part in the state of the art technology for genomic analysis. Opportunity for interaction with numerous investigators in the Human Genome Center and Cancer Center. Applicants should have a Ph.D. degree and familiarity with molecular genetic techniques. Contact: Dr. Paul Melter, Division of Cancer Biology, Department of Chemistry, The University of Michigan, 5C60 MSRBII, 1150 West Medical Center Drive, Ann Arbor, MI 48109-0688. Telephone: (313) 764-4539. FAX: (313) 764-4584. An Equal Opportunity/Affirmative Action Employer.
Bioorganic Chemistry

Genentech, Inc., an internationally recognized leader in the field of biotechnology, is seeking Chemists to make innovative scientific contributions to drug discovery research. Working with Scientists from various departments, you will help pioneer research in the design and synthesis of small molecules for the development of new pharmaceuticals. Our facilities include state-of-the-art analytical instrumentation, a complete chemistry and life sciences library, and new laboratories at our South San Francisco, California headquarters. Join our growing Bioorganic Chemistry group in one of the following opportunities:

Scientists

Synthetic Organic/Medicinal Chemistry
You will be responsible for design, synthesis, purification and isolation of novel organic compounds, including natural products and their semisynthetic derivatives, for pharmacological evaluation. The successful candidates will have a PhD in synthetic organic chemistry and experience in organic synthesis or natural products chemistry, or equivalent. A strong desire to make substantial contributions in breakthrough areas of drug research and the ability to interact effectively with our multidisciplinary team of Scientists is essential.

Postdoctoral Researcher
You will use your strong synthetic background to develop strategies for exploring the structural basis of peptide/protein interactions. Interacting closely with colleagues in molecular modeling, protein engineering, and medicinal chemistry, you will undertake the challenge of structure-based design.

Research Assistant/Associate
Within our Synthetic Organic group, you will perform spectroscopic and chromatographic techniques. A BS/MS in Chemistry and synthetic organic or peptide synthesis experience are required. Ability to work independently and communicate effectively is essential.

Our progressive company offers an excellent salary and benefits package which includes child care facilities, free health club membership and fully paid medical/dental/vision coverage. For immediate consideration, please send your resume to Genentech, Inc., Human Resources, Dept. YMMY, 460 Point San Bruno Blvd., South San Francisco, CA 94080. We actively support and promote affirmative action and equal opportunity employment. Women and minorities are encouraged to apply.

Genentech, Inc.

Research Scientists

STEM CELL BIOLOGY

Amgen has distinguished itself as the industry leader in the development of human therapeutic products through applications of biotechnology. As a result of our continuing commitment to the discovery and characterization of novel hematopoietic growth factors, we are actively seeking Research Scientists to contribute to the development of this program.

Candidates for the Research Scientist positions must have a Ph.D. in cell/molecular biology or biochemistry, preferably with an emphasis on hematopoietic cell growth and differentiation, and two to four years post-doctoral experience. Responsibilities for this position will include development of new research programs, in particular, the identification and characterization of new hematopoietic growth factors, stem cell and megakaryocyte biology and receptor biology, as well as complementing on-going projects.

Amgen provides a stimulating and challenging research environment in which individuals are given the resources necessary to achieve their goals. Our compensation and benefits package reflects our commitment to attracting the best scientific talent available. If you have the necessary skills and would like to be a part of an organization that places a high priority on its human resources, please send a complete CV, in confidence, to: Amgen, Inc., Staffing Department (Mail Code 10-1-A-411), Job Code #5-402, Amgen Center, Thousand Oaks, CA 91320-1789. Amgen is an equal opportunity employer.

Here at Chiron, we are on the leading edge of biotechnology research and scientific advancement, producing an array of therapeutic and diagnostic tools to advance potential cures for AIDS, Cancer, Hepatitis and Diabetes.

We have the following opportunities, all of which require that you be able to work independently as well as be a team player in our fast-paced environment.

Scientist

Biological Assay Development
You will develop and validate biological assays needed for the development of therapeutic products. A Ph.D. with 0-2 years experience or a B.S./M.S. with equivalent experience in biology, immunology or related field are required. Experience in cell culture and assay development is essential. Experience in receptor binding assays, cell proliferation/mitogenic assays, cytokine assays, antibody neutralization assays and virus neutralization assays is preferred. (Box #92-336)

Scientist

DNA Assay Development
You will develop and validate assays for nucleic acid and other assays to support the development of therapeutic products. Responsibilities include methods development, development of necessary reagents, and writing protocols and reports. A Ph.D. in Biochemistry or Molecular Biology with 0-3 years experience or an M.S. with equivalent experience are required. Experience in Molecular Biology as it pertains to the development of assays for nucleic acids in biotherapeutics and good communications skills are also required. Experience with GMP requirements, immuno assays, and assay validation a plus. (Box #92-337)

If you have the dedication, spirit and flexibility to rise to our many challenges, send your resume indicating appropriate Box, to: Chiron Corporation, Human Resources, 4560 Horton Street, Emeryville, CA 94608-2916, FAX (510) 601-2504. We are an equal opportunity employer.

AMGEN®

Chiron Corporation
POSTDOCTORAL AND GRADUATE OPPORTUNITIES IN ANIMAL BEHAVIOR AT INDIANA

The NSF-supported Center for the Integrative Study of Animal Behavior at Indiana University seeks outstanding candidates for a POSTDOCTORAL POSITION in behavior genetics. Focus areas include mate choice, sexual behavior, ecology of learning, neural plasticity, communication, orientation and migration, parental behavior, and development. Postdoctoral candidates who must be eligible to work in the US should send curriculum vitae, 4 to 5 page research proposal, and three letters of recommendation by November 1, 1993, to guarantee consideration for positions available January 1, 1993. Predoctoral candidates should request applications from the Psychology or Biology Departments. Applications must be received by February 1 for the fall of 1993. Reply to: CISCAB, 402 North Park, Indiana University, Bloomington, IN 47405. FAX: (812) 855-0411. Applications by minorities and women are strongly encouraged.

THE AMERICAN UNIVERSITY. The Biophysics Laboratory, in the College of Arts & Sciences, is seeking candidates for a POSTDOCTORAL POSITION in biophysics. Candidates should have a graduate degree in organic chemistry and expertise in analytical chemistry including use of mass spectrophotometry GC, and with animal behavior research. Investigation involves examination of olfactory to axon transport and odor detection in animals. Salary is $17,000 per year. Address inquiries to: The American University, BIOPHYSICS LABORATORY, room 321 Asbury, Washington, D.C. 20016. An Affirmative Action/Equal Opportunity Employer.

POSTDOCTORAL WORK IN BIOPHYSICS

Is the rate of cellular metabolism controlled and changed through vanadate? We are investigating this using fluorescence microscopy including digital imaging, fluorescence spectroscopy and patch clamping. To apply send curriculum vitae, addresses of three references to: Dr. Thomas Gunter or Dr. Sheng Shu; Biophysics; University of Rochester; Rochester, NY 14623. The University of Rochester is an Affirmative Action, Equal Opportunity Employer.

POSTDOCTORAL POSITION open to study cell growth regulation and signal transduction for candidate with background in molecular biology. Please send curriculum vitae, letters of recommendation to: Dr. Sarah Speigel, Department of Biochemistry and Molecular Biology, Georgetown University Medical Center, 300 New Jersey Ave., NW, Washington, DC 20007. Affirmative Action/Equal Opportunity Employer.

POSTDOCTORAL POSITION available to study cell cycle regulation and signal transduction for candidate with background in molecular biology. Please send curriculum vitae to: Irene Franck, Administration, Division of Preventive Medicine and Nutrition, 630 West 168th Street, F&S 9-510, Columbia University, New York, NY 10032. Columbia University is an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITIONS HARVARD MEDICAL SCHOOL

Two positions are available for Ph.D., M.D., or M.D./Ph.D. in biochemistry and general biology. One position involves the study of: (1) G-protein signaling using gene targeting in cell lines and 2) the regulation of blood pressure using transgenic animals. Candidate must be U.S. citizen or permanent resident. Supplementation of NIH stipend depending on experience. Send letter stating interest, curriculum vitae, and names of three references: Richard M. Mortensen, M.D., Ph.D., Endocrine-Hypertension Division, Brigham and Women's Hospital, Harvard Medical School, 221 Longwood Avenue, Boston, MA 02118. An Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITION available immediately for Ph.D. and/or M.D. to study the expression of extracellular matrix genes in an in vitro model of pulmonary fibrosis. Experience with recombinant DNA technology and cell culture desirable. Please send (or FAX) transcript and a list of telephone cornmunication numbers of three references to: Dr. Jeanne C. Myers, Department of Biochemistry and Biophysics, University of Pennsylvania, 425 Curie Building, Philadelphia, PA 19104-5059. FAX: 215-898-4217. An Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITIONS Two, possibly three, positions available at the Molecular Biology Center, an NIH-funded, multidisciplinary laboratory. The two positions involve study of enzyme mechanisms and enzyme structure-function and require experience in protein isolation and characterization and/or recombinant DNA techniques. The third potential position involves nucleotide analog synthesis and enzymology and requires experience in organic synthesis. Send curriculum vitae, statement of research interests and experience, and three letters of reference to: Dr. C.A. Caprilli, Division of Pharmacology and Medicinal Chemistry, College of Pharmacy, University of Cincinnati Medical Center, Cincinnati, OH 45267-0004.

POSTDOCTORAL POSITION A postdoctoral position to study the molecular pathogenesis of E.coli urinary tract infections is available immediately. Experience in tissue culture and molecular biological techniques is required. Send curriculum vitae, names of three references to: Dr. Michael Donnenberg, Division of Infectious Diseases, University of Maryland School of Medicine, 10 South Pine St., Baltimore, MD 21201. Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITION Available immediately to study developmental functional and unorthodox secretion of a vertebrate laminin-binding matrix metalloproteinase. Experience in ultracentrifugal protein purification, and immunohistochemistry. Send curriculum vitae, brief research summary, and three letters of reference to: Douglas W. Owen, Ph.D., LPP1 Box F, University of California, San Francisco, 401 Parrasue Avenue, San Francisco, CA 94143-0984.

POSTDOCTORAL POSITION available immediately for Ph.D. in bioinformatics and lipid biology. Candidate should have knowledge of and experience in lipid metabolism, genomics, functional genomics, and cellular and tissue biology. Send curriculum vitae, names of three references to: Dr. Kurtzuk Haldar, Department of Microbiology and Immunology, Stanford University, Stanford, CA 94305. An Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITION (Research Associate) available for molecular biological studies on the structure, function and regulation of adenosine receptors. Ph.D. in appropriate basic science required. Experience with cell signalling systems useful and molecular biology background desirable. Send curriculum vitae and names of three references to: Gary L. Stiles, M.D., Department of Medicine/Pharmacology, Box 3681, Duke University Medical Center, Durham, NC 27710. Duke University is an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITION (Research Associate) available for a molecular biological studies on the structure, function and regulation of adenosine receptors. Ph.D. in appropriate basic science required. Experience with cell signalling systems useful and molecular biology background desirable. Send curriculum vitae and names of three references to: Gary L. Stiles, M.D., Department of Medicine/Pharmacology, Box 3681, Duke University Medical Center, Durham, NC 27710. Duke University is an Equal Opportunity/Affirmative Action Employer.

The Alaska Department of Fish and Game, Division of Oil Spill Impact Assessment and Restoration, is recruiting for a fully exempt Wildlife/Habitat PROGRAM MANAGER to be based in Anchorage. This position provides technical direction and review; budgetary, planning, and other programmatic support; and interagency coordination for the division's wildlife and habitat program. Minimal qualifications: Ph.D. in wildlife/environmental science or related field and two years as leader of a program of similar experience, or a Master's degree and four years experience. Starting salary is $46,620 per year. Please contact: Stephanie Randall, Administrative Services, Juneau, for application and further information. Telephone: (907) 465-4141.

GRADUATE RESEARCH FELLOWSHIPS TEXAS TECH UNIVERSITY

Graduate research fellowships are available to support superior Ph.D. candidates interested in biochemistry, cell biology, biophysics, immunology, microbiology, physiology and genetics through the Institute for Biotechnology. Faculty research interests include regulation of cell wall synthesis, plant responses to environmental stresses, regulation of gene expression, molecular markers and genome mapping, evolutionary genetics, cyto genetics, molecular, proteolysis, and gene of photosynthesis, and structure-function relationship in proteins. Excellent field, greenhouse, growth chamber, and laboratory facilities are available for various aspects of biochemical, cellular, and molecular investigations. A modern protein and DNA instrumentation core facility funded by NSF, an electron microscopy laboratory, and antibody production facilities are available to support the research programs. The fellowship stipend will be $15,000 for the academic year from September 1, 1993 to August 31, 1994. Interested students should submit statement of research interests, resume, transcripts, GRE and TOEFL scores. Completed applications must be received no later than March 1, 1993. Submit all materials and three reference letters to: Dr. Henry T. Nguyen, Director, Institute for Bio- technology, Mail Stop 2122, Texas Tech University, Lubbock, TX 79409. Telephone: (806) 742-1622. FAX: (806) 742-2836.

GRADUATE RESEARCH FELLOWSHIPS HARVARD UNIVERSITY

Applications are invited for a tenure-track faculty position at the Waksman Institute with a joint appointment in an appropriate academic department. The Waksman Institute has been at the center of a major initiative to transform Rutgers University and the adjoining University of Medicine and Dentistry of New Jersey into a major, world class research center. Nearly 100 new faculty members in the biomedical area alone have been recruited during the past seven years. The Waksman Institute has added 11 members during this period with emphasis on four areas: molecular developmental genetics, microbial genetics, plant molecular genetics, and structural biology. Candidates are sought to further expand the developmental genetics group. The successful applicant will be expected to conduct a vigorous independent research program and to participate in instructional activities. Recently renovated laboratory space and generous start-up funds are available. Candidates should send a biographical sketch (with a list of publications and a description of research interests) and request that three letters of recommendation be sent to the above address. Applications are being considered. For more information, please contact: John Messing, Director, The Waksman Institute, Rutgers, The State University of New Jersey, P.O. Box 759, Piscataway, N.J. 08855-0759. An Affirmative Action/Equal Opportunity Employer.
POSTDOCTORAL POSITIONS
Biotechnology and Microbiology

Wyeth-Ayerst Laboratories is a Division of Fortune 100 American Home Products Corporation, a leading manufacturer and marketer of health care products with multi-billion dollar annual sales and an impressive record of growth and profitability. We currently have two Postdoctoral opportunities (one-year assignments) available in the Biotechnology and Microbiology division at our Radnor, PA Research facility.

These positions offer the opportunity to become part of a professional research team. Candidates selected will have the opportunity to choose a project suitable to their background and interest. One position is on a team studying the molecular and immunological basis of human papillomavirus tumor induction and tumor regression, using in vivo and in vitro models. Candidates should be Ph.D.’s with solid background in molecular virology and immunology. The second position available is to study mammalian and E. coli gene expression, vector construction and antisense RNA expression using recombinant adenovirus. Position requires a Ph.D. with experience in molecular biology, e.g. mammalian and E. coli cell expression and tissue culture.

Wyeth-Ayerst offers a competitive salary and comprehensive company benefits. Qualified candidates are invited to submit a curriculum vitae to: Recruitment Manager, Wyeth-Ayerst Research, Job #8006-S, P.O. Box 8299, Philadelphia, PA 19101. Equal Opportunity Employer, M/F/D/V.

The John D. and Catherine T. MacArthur Foundation and its Program on Conscious and Unconscious Mental Processes

PERSON SCHEMAS THEORY and CASE FORMULATION for PSYCHOTHERAPY
A Conference for Full Time Therapists, Supervisors, and Clinical Academics

Chairs: Mardi J. Horowitz, M.D., Professor of Psychiatry, University of California. Jerome L. Singer, Ph.D., Professor of Psychology, Yale University.

Date: Thursday-Saturday, December 3-5, 1992.

Location: University of California, San Francisco.

PROGRAM

THURSDAY Afternoon, December 3
1:00 Registration
2:00 Person Schemas: Historical, Conceptual, and Measurement Issues—Peter Salovey, Ph.D., Yale University.
3:00 Coffee.
3:30 Person Schemas and Case Formulation—Mardi Horowitz, M.D., University of California, San Francisco.
4:30 Discussion.
FRIDAY Morning, December 4
9:00 Self Representations in Research and Clinical Practice: Implications for Cognitive and Psychodynamic Intervention—Jerome Singer, Ph.D., Yale University.
10:00 Coffee.
10:30 Attachment Theory: Applications for Psychotherapy—Aubrey Metcalfe, M.D., University of California, San Francisco; Constance Milbrath, Ph.D., University of California, San Francisco; Leonard Horowitz, Ph.D., Stanford University (Chair).
12:00 LUNCH
FRIDAY Afternoon, December 4
2:00 Clinical Utilization of Role Relationship Models, Core Conflictual Relationship Themes, and Structural Analysis of Social Behavior—Mardi Horowitz, M.D., University of California, San Francisco.
3:00 Coffee.
3:30 Review of Research on Role Relationship Models for Case Formulation—Tracy Eells, Ph.D., University of Louisville.
4:30 Multiple Representations of Self and Other: Implications for Clinical Understanding—Daniel Hart, Ed.D., Rutgers University.
SATURDAY Morning, December 5
9:00 The Role of Schemas In Cognitive Theory and Therapy—Zindel Segal, Ph.D., University of Toronto.
10:00 Coffee.
10:30 Transference: Some Thoughts on Basic Underlying Processes—Susan Andersen, Ph.D., New York University.
11:30 Discussion by a Panel of All Presenters.
12:30 Free Afternoon in San Francisco.

Registration fee for the three-day conference is $175.00. Request for CME approval is pending, and American Psychological Association approval has been applied for. Attendees will be responsible for their own arrangements and expenses for travel, lodgings, and meals. Postdoctoral fellows on full-time stipends may apply for travel expense grants. Lodging advice will be provided.

For more information please write or fax: Julia L. Ruffini, Ph.D., PCUMP Program Manager, Langley Porter Psychiatric Institute, Box CSN-068, University of California, San Francisco, CA 94143. Fax 415-476-7023.

The Program on Conscious and Unconscious Mental Processes of the John D. and Catherine T. MacArthur Foundation has its research center at the Langley Porter Psychiatric Institute. It has intra- and extramural task forces for collaborative and convergent studies on person schemas, defenses, and topics of thought and communication. The director of the program is Mardi J. Horowitz, M.D., Professor of Psychiatry at UCSF.
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Department of Biochemistry
University of Alberta
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The successful candidates will assist in the evaluation of antiviral compounds by performing cell-based and in vitro assays, apply molecular techniques to viral and vector constructions and use biochemical methods to evaluate protein, nucleic acid and drug interactions. Demonstrated experience with maintenance and propagation of virus stocks is essential.

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Interested individuals should send their resume and list of references to Box JDM-92277, Human Resources Department, PARKE-DAVIS Research Division, Warner-Lambert Company, 2800 Plymouth Road, Ann Arbor, MI 48105. Candidates may also fax their information to (313) 996-7617, "Attention Box JDM-92277." "Smoke-Free Work Environment"

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**“MINORITIES IN SCIENCE... A SEARCH FOR SOLUTIONS”**

**13 NOVEMBER ISSUE**

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Two NIH-funded POSTDOCTORAL POSITIONS are available immediately to study: (1) mechanisms of MAP kinase activation in phorbol ester-sensitive and -resistant T-lymphocytes, (2) role of phospholipase D activation in regulating protein phosphorylation in vascular smooth muscle cells. Ph.D.'s with backgrounds in biochemistry/molecular biology and an interest in signal transduction are preferred. Please send curriculum vitae and names of three references to: Kathryn E. Meier, Department of Pharmacology, Medical University of South Carolina, 171 Ashley Avenue, Charleston, SC 29425-2251; FAX 803-792-2475. An Equal Opportunity Employer.

POSTDOCTORAL ASSOCIATE POSITION
The Division of Experimental Therapeutics, Department of Radiation Oncology, is seeking a Postdoctoral Associate to study drug resistance of human tumor cells in tissue culture and in vivo models. A Ph.D. in cell biology, immunology, pharmacology or biochemistry or related fields is a prerequisite. Experience in molecular biology, experimental chemotherapy or cell biology preferred. Send curriculum vitae with names and titles of three references to: Dr. David J. Houghton, Division of Hematology, University of Miami School of Medicine, 1300 North Miami Avenue, New York, NY 10021. Equal Opportunity Employer/Affirmative Action Employer.

POSTDOCTORAL POSITIONS are available in study polyacetylenic/growth factor interactions in cardiovascular disease. Knowledge of cell culture, chromatography, protein purification, immunology, and molecular biology is desirable. Send curriculum vitae and the names of three references to: Dr. Timothy A. McCaffrey, Division of Hematology, University of Miami School of Medicine, C-608, Cornell University Medical College, 1300 York Avenue, New York, New York 10021. Equal Opportunity Employer/Affirmative Action Employer.

A POSTDOCTORAL POSITION is available for an individual with expertise in molecular biology or protein chemistry. This research focuses on molecular and cellular mechanisms of activation and signal transduction by bacterial endotoxin and other inflammatory mediators leading to endothelial cell death and cytokine production. The studies involve molecular biology and protein purification techniques. Send curriculum vitae and names of three references to: Dr. James A. Cook, Professor of Physiology, Medical University of South Carolina, 171 Ashley Avenue, Charleston, SC 29425. MUSC is an Equal Opportunity Employer.

POSTDOCTORAL FELLOWSHIP
POSTDOCTORAL FELLOWSHIP. A postdoctoral position is immediately available for recent Ph.D. to study the molecular basis of lymphocyte adhesion to microvascular endothelium in chronic inflammatory lesions using a well-characterized skin disease model. The successful applicant will have completed Ph.D. work in immunology and expression cloning of novel endothelial ligands. Experience in protein analysis and/or molecular cloning is desirable. Send curriculum vitae and names of three references to: Dr. Yee-Hon Chin, Department of Microbiology and Immunology, University of Miami School of Medicine, P.O. Box 106960 (R-138), Miami, FL 33105. FAX: 1-305-442-6423. An Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL FELLOWS: Postdoctoral positions available immediately for highly motivated scientists with training in biochemistry, molecular or cellular biology to study (1) immune response interactions and related aspects of signal transduction, gene expression and tumor biology and/or (2) the role of proteases in epithelial cell proliferation and differentiation. Send current curriculum vitae, and names of three references to: Donald A. Chambers, Professor and Head, Department of Biochemistry, University of Illinois at Chicago, 1853 West Polk Street, (m/c 556). Chicago, IL 60612. Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL TRAINING IN LEUKOCYTE BIOLOGY AND IMMUNOLOGY. We have several POSTDOCTORAL FELLOWSHIPS available for individuals interested in obtaining advanced training in leucocyte biology. Successful applicants will have the opportunity of joining and working with a diverse group of scientists interested in multiple aspects of leukocyte biology/molecular biology, and inflammatory processes. Please send curriculum vitae and names of three references to: Gerard Van Elsken, Department of Microbiology and Immunology, University of Miami School of Medicine, C-608, Cornell University Medical College, 1300 York Avenue, New York, New York 10021. Equal Opportunity Employer/Affirmative Action Employer.

POSTDOCTORAL FELLOWSHIPS: Two positions are available for recent Ph.D. candidates to study: (1) the role of eicosanoids in the regulation of normal and malignant growth, and (2) the role of eicosanoids in the development of tumor resistance. Successful candidates are expected to have completed Ph.D. work in biological chemistry, biochemistry, pharmacology, or related fields. Successful applicants will be expected to utilize molecular biological, biochemical, and immunological techniques. Send curriculum vitae and names of three references to: Dr. D. Michael McCaffrey, Division of Pathophysiology, University of Miami School of Medicine, C-608, Cornell University Medical College, 1300 York Avenue, New York, New York 10021. Equal Opportunity Employer/Affirmative Action Employer.

RESEARCH ASSOCIATE, Step 1: Tissue culturing of human umbilical vein endothelial cells (HUVE) using ELISA system. Study interaction between HUVE/Cande-roid/Cytokine cells. Techniques used: Activation of HUVE using cytokines quantitative measurements of adherence of fungi to HUVE cells. Radioisotope labeling of HUVE Candida and HUVE cells. Immunohistochemistry with highly specific monoclonal antibodies to Candida cells. Susceptibility testing of Candida and Cryptococcus to antifungal agents. Preparation of scanning and transmission electron microscope. Process data and prepare research paper using IBM PC including Word Star 6, Lotus 123, Medline Search/ Sigma Plot. Ph.D. with a basic microbiology background required and two years experience as Research Asst. or associate in same or similar field of research. Salary $25,000, plus hours per week. Job location: Birmingham, AL. Send resume and interview application to: Dr. J.P. Houghton, M.D., F.A.C.C., 123 York Avenue, New York, NY 10021.

ASSISTANT MEMBER MEMORIAL SLOAN-KETTERING CANCER CENTER
The Program in Molecular Biology, Sloan-Kettering Institute (SKI) Memorial Sloan-Kettering Cancer Center (MSKCC) invites applications for two positions as Assistant Member. The successful candidates will have demonstrated outstanding potential for a research career and will be using a combination of molecular genetic, cellular, biochemical, or other modern biochemical approaches to study either (1) the cell cycle or (2) developmental genetics of vertebrates. Applications should include curriculum vitae, a summary of research achievements and future research plans, and three letters of reference. Please send applications to: The Assistant Member Search Committee, Sloan-Kettering Institute, Memorial Sloan-Kettering Cancer Center, 1275 York Avenue, New York, NY 10021. Applications concerning the cell cycle should be directed to Dr. John L.彻底, Sloan-Kettering Institute, 1275 York Avenue, New York, NY 10021. Applications concerning the cell cycle should be directed to Dr. Kenneth J. Davis, Sloan-Kettering Institute, 1275 York Avenue, New York, NY 10021. All applications must be complete by January 1, 1992. SKI/MSKCC is an Equal Opportunity Employer.
RESEARCH ASSOCIATE POSITION is available at the USDA-Human Nutrition Research Center on Aging at Tufts University, Boston, MA. Applicants should have an interest in nutrition and immune function, and specifically will study dietary and other factors influencing the production of nitric oxide in macrophages and other cells. The aging organism in a Nutrition Center with facilities for human studies, animal research, and cellular/molecular biology. For information on application procedures/formal contact Alice MacNamara (301-344-1920) USDA-ARS, Personnel Division, 6305 Ivy Lane, Rm 322, Greenbelt, MD 20770. Further information on the research program and position is available from Dr. R.L. Prior, Room 917 USDA HNRCA at Tufts, 711 Washington Street, Boston, MA 02111 (617-566-3310). Applications in response to this advertisement should be marked RA-12-015 and sent to Dr. Prior. Salary range $32,000 to $38,000, based upon qualifications and experience. The U.S. Department of Agriculture/Agricultural Research Service is an Affirmative Action/Equal Opportunity Employer.

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tion highly desirable. Send curriculum vitae, statement of research
goals and three references by 31 October 1992 to: David
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University of Cali-
fornia, San Francisco, CA 94143-0730.

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FAC-0808 Oversight Committee, Department of Physiol-
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two years experience in computer assisted micro-
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Send letter and curriculum vitae by October 15, 1992 to:
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instrumentation development. Experience with molecu-
lar cytogenticists, molecular cloning and PCR is desirable.
Send letter and curriculum vitae by October 15, 1992 to:
Joe Gray, Ph.D., Director, Division of Molecular
Cytometry, Department of Laboratory Medicine,
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ANNOUNCEMENTS

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Dr. Robert Glaser, Chief, Department of Biological
Sciences, Florida International University, Miami, FL
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