Requiring current 30 to 60 min removed cleanly and microscope slides surface
40 • ISS or tion or removal of reagents. The 21 mm by 40 mm interior chambers accommodate large or multiple specimens with a reagent volume up to 100 μl. Grace Bio-Labs. Circle 144.

Electroblotters
ISS Semi-Dry Electroblotters are reliable devices for use with proteins and nucleic acids. Requiring less than 2 hours for proteins and 30 to 60 min for DNA and RNA, this technique makes use of the passage of electric current between two graphite electrodes to drive macromolecules out of gels and onto membranes. These devices are especially efficient for transferring small peptides prior to peptide sequencing. Buffer requirements are significantly reduced because buffer-soaked filter papers placed above and below the gel are used instead of a tank reservoir. Integrated Separation Systems. Circle 145.

Literature

Precision PAGE Electrophoresis System is an information sheet on a complete system to go from sample to stain in less than an hour. Amresco. Circle 146.


New Technology Improves Radio-HPLC Detection is an application note that discusses the advantages of using a radio–high-performance liquid chromatography (HPLC) detector that incorporates modern liquid scintillation counting (LSC) technology and its effect on the detection of low-level biological samples. LSC Sample Preparation by Solubilization is a technical note that discusses many of the problems in the preparation of sample material for isotopic determination by LSC. Procedures for digestion of a wide variety of animal tissues such as liver, stomach, and brains are presented, along with procedures for the preparation of more difficult samples such as blood, feces, and plant material. Packard. Circle 148.

Nalgene Encapsulated Filter Products features new product information on syringe filters, syringe prefilters, and filter capsules. The products are available in various membrane types, pore sizes, membrane diameters, and volume capacities. Nalge Nunc International. Circle 149.

Owl Scientific Product Catalog 1996 includes a complete line of electrophoresis equipment, radiation safety equipment, laboratory accessories, and chemical reagents. New products include a prepackaged, complete sequencing gel mixture, Eluticon Electro-Elution System for high recovery of DNA and RNA elutions, the Centipede horizontal electrophoresis system for screening up to 200 samples on a single gel, and precast gels for protein and nucleic acid separations. Owl Scientific. Circle 150.
POSITIONS OPEN

FACULTY POSITION
The Cleveland Clinic Foundation

The Department of Molecular Cardiology and the Center for Molecular Genetics, Research Institute, Cleveland Clinic Foundation, will be seeking in the near future to establish a research program in the molecular genetics of cardiovascular diseases. Identification and characterization of genes associated with heart failure, hypertension, cardiac arrhythmias, and vascular pathologies are all regarded as responsive research programs, and the large patient population of the Cleveland Clinic Foundation could serve as a fertile source of material for genetic analyses. Faculty appointments at all levels will be considered.

Molecular Cardiology, with its 16 faculty members, is one of eight departments in the Research Institute with approximately 100 scientists. The Center for Molecular Genetics is a newly funded program within the Research Institute committed to identifying the genetic basis for diseases. Applicants should send a complete curriculum vitae, a succinct statement of proposed research program and the names of three references, to: Edward F. Plow, Ph.D., Molecular Genetics Search, Department of Molecular Cardiology, F260, The Cleveland Clinic Foundation, 9800 Euclid Avenue, Cleveland, OH 44195.

FISH ECOLOGIST
FRESHWATER FISHERIES BIOLOGY

Applications are invited for a 12-month, tenure-track ASSISTANT PROFESSOR position. We seek a fish ecologist who will conduct field-oriented research on freshwater fish and ecosystem management problems within Florida. Responsibilities include development of an externally funded research program, training of graduate students (M.S. and Ph.D.), and participation in the Department’s teaching program. A Ph.D. in an appropriate scientific discipline is required. To apply, submit curriculum vitae; cover letter outlining research and teaching interests; and the names, addresses, and telephone numbers of five references by July 1, 1996 to: Fish Ecology Search, Department of Fisheries and Aquatic Sciences, University of Florida, 7922 N.W. 71st Street, Gainesville, FL 32653-3071. An Equal Opportunity/Affirmative Action Employer.

FOUR TENURE-TRACK POSITIONS
New York University Medical Center
Department of Physiology and Neuroscience

Applications are invited for positions at ASSISTANT or ASSOCIATE PROFESSOR levels depending on experience. Areas of research in physiology or neuroscience are open. Applicants can expect start-up funds and a fully equipped laboratory space. Although new faculty will be expected to participate in a team-taught physiology and/or neuroscience course and graduate training programs, the majority of their effort will be devoted to vigorous, independent research. Applicants should send curriculum vitae and summary of current research and goals, together with the names of three references, to: Rodolfo Linas, M.D., Ph.D. Chairman Department of Physiology and Neuroscience New York University Medical Center 550 First Avenue New York, NY 10016

New York University encourages applications from women and members of minority groups.

ASSISTANT PROFESSOR/ECOLOGY
TENURE-TRACK position. Applicants must have a Ph.D. with experience in teaching at the college level. A background in molecular biology is desired. The primary responsibility of the successful candidate will be teaching, but research is encouraged. Teaching responsibilities will include introductory-level biology courses plus intermediate and advanced-level ecology courses. Graduate courses in a newly established M.B. in Ed. in Biology program are also possible. Review of applications will begin immediately and will continue until the position is filled. Send résumés and letters of reference to: Department of Biology, Westfield State College, Westfield, MA 01086.

ASSISTANT PROFESSOR—GENETICS

Vanderbilt University School of Medicine invites applications for several new TENURE-TRACK FACULTY positions as part of an interdepartmental program expanding the faculty at the Assistant Professor level. Applicants must have had research experience and high quality publications in one of the following areas: 1) gene mapping, identification of disease genes, and unraveling the genetic basis of Mendelian and non-Mendelian diseases, 2) population genetics and genetic epidemiology, 3) bioinformatics related to gene and genomic databases; and 4) use of mammalian or lower organism model systems for studies of molecular and developmental cell biology, molecular regulation of gene expression, or novel signal transduction mechanisms. Appointments will be in departments most relevant to the interests of the applicants in the well-appointed space and generous start-up funds. Applicants should submit, by August 1, 1996, a curriculum vitae, three letters of reference, and a concise description of research plans to: Genetics Search Committee, c/o Jan Letterer, CCC-3322 Medical Center North, Vanderbilt University Medical Center, Nashville, TN 37232-2103. Vanderbilt is an Affirmative Action/Equal Opportunity Employer. Women and minorities are encouraged to apply.

SCIENTIST
RESEARCH ASSISTANT PROFESSOR

To study the regulation and function of heme oxygenase and iron transport in transgenic mice. Expertise in basic molecular biology and biochemical techniques as applied to eukaryotic cells is required. Send curriculum vitae and names of three references to:

Dr. M. D. Maine
Department of Biophysics
University of Rochester School of Medicine
Rochester, NY 14642

University of Rochester is an Equal Opportunity Employer.

BIOLIGIST
ASSISTANT PROFESSOR, TENURE-TRACK. The University of Texas at the Permian Basin (UTPB), to begin fall semester 1996. Applicants should be able to teach genetics, microbiology, evolution, appropriate portions of general biology, and graduate courses (e.g., molecular genetics). A commitment to excellence in teaching is necessary; research is encouraged and expected. UTPB provides an atmosphere that encourages interaction between faculty and students. Submit résumé and the names, addresses, and telephone numbers of three references to: R. Douglas Spence, Coordinator for Biology, UTPB, 4901 East University, Odessa, TX 79762. Telephone: 915-552-2272; FAX: 915-552-3374; Email: spence_d@utpb.edu. Screening of applicants will commence June 7, 1996. UTPB is an Affirmative Action/Equal Opportunity Employer.

PRESIDENT
Science Service Incorporated
Washington, DC

Science Service, Inc. invites nominations and applications for the position of PRESIDENT. Founded in 1921, Science Service is a not-for-profit organization devoted to increasing public understanding of science, informing society’s leaders of new developments in science, and encouraging pre-college students to become involved in scientific research. Among its many activities, Science Service publishes Science News and administers the Westinghouse Science Talent Search and the International Science and Engineering Fair. Candidates must have demonstrated an understanding of science communication as well as outstanding management skills. Publishing experience in science is also desirable, as is the capacity to develop proposals and obtain funding for new projects and activities from both government and industry sources. In particular, the trustees are interested in broadening and strengthening Science Service’s programs for youth and in exploring opportunities to make use of new media. Applications and nominations will be accepted until June 6, 1996. Inquiries, nominations, or applications with résumés should be directed to the Chairman of the Search Committee.

Dr. H. Guyford Stever
Science Service, Inc.
1719 N Street, NW
Washington, DC 20006

Science Service is an Equal Opportunity Employer. Women and minorities are encouraged to apply.
NIH Has A New Address.

The National Institutes of Health has introduced a new website. Now, the latest news about clinical and research training opportunities at NIH can be accessed by visiting us at http://helix.nih.gov:8001/oe/

At the site, you can quickly obtain information regarding clinical and postdoctoral training. Review the NIH tenure-track openings. Take a look at the NIH Postdoctoral Research Fellowship Opportunities Catalog which chronicles research being conducted in all NIH laboratories. You can even apply electronically for positions.

All from the convenience of your keyboard.

Plus, the web site links to all NIH institute and laboratory home pages, provides a calendar of events, and offers links to many other areas.

We used to ask you to call us or send your curriculum vitae. Now, the best way to find out about world class opportunities at NIH is through the world wide web.

National Institutes Of Health
Office Of Education
http://helix.nih.gov:8001/oe/
The NIH is an Equal Opportunity Employer


cientist

At Hoffmann-La Roche, our dedication to innovative scientific research has made us a worldwide leader in the pharmaceutical and health care industries. Currently, we have an opportunity for a skilled scientist to join the immunology research team in our Nutley, New Jersey headquarters.

The selected candidate will participate in the drug discovery process for autoimmune diseases. The candidate will be responsible for the generation, characterization and maintenance of human and murine T cell clones. T cell responses in class II transgenic mice will also be analyzed.

Qualifications include a BS/MS in Biology, Immunology or a related discipline and experience with sterile cell cultures (specifically with transformed/non-transformed mammalian cells). The position requires working with mice.

We offer an attractive salary and benefits package in a state-of-the-art work environment. For consideration, please send your resume with salary requirements to: Ms. Lynn Harac, Department LH226FF, Hoffmann-La Roche, Nutley, New Jersey 07110-1199. PRINCIPALS ONLY. No phone calls please. We are an equal opportunity employer.

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SCIENTIST

Molecular Pharmacology of Receptors

SmithKline Beecham Pharmaceuticals is recognized as a world leader in human healthcare and genetic medicine. We are seeking a Scientist to join our pharmacology department.

As a Scientist, you will assist in planning and conducting laboratory experiments in molecular pharmacology directed toward understanding receptor-initiated signal transduction as it relates to cardiovascular physiology and pathology. This includes analyzing, recording and maintaining laboratory data, as well as preparing scientific reports for oral presentation and publication.

Qualifications include a BS/MS in biomedical sciences with 3+ years' laboratory experience in the area of receptors and signal transduction. Experience with molecular biology of receptors and high throughput assays for receptors is also required. A working knowledge of cardiovascular pharmacology is desirable.

Located in our state-of-the-art research facility in suburban Philadelphia, SmithKline Beecham offers a competitive compensation and benefits package. For confidential consideration, please forward your resume and salary requirements to: SmithKline Beecham Pharmaceuticals, Job Code H6-0147, PO. Box 2645, Bala Cynwyd, PA 19004. We are an Equal Opportunity Employer, M/F/D/V.

SmithKline Beecham
Pharmaceuticals
Challenging the natural limits.
**National Cancer Institute**
**Division of Cancer Treatment, Diagnosis, and Centers**
**Cancer Diagnosis Branch**
**Opening Date: 4/29/96**
**Closing Date: 5/20/96**
**Announcement Number: CA-96-2304**

Health Science Administrator (Interdisciplinary)  
GS-0601-0401/0403/1320-13/14

The Cancer Diagnosis Branch (CDB) is located in Rockville, Maryland. The CDB administers grants, contracts, and cooperative agreements which are actively supported or in various phases of review. The incumbent will serve as the Program Director for Genetic Technology, a program which supports research focusing primarily on the development of innovative technologies, particularly those that are nucleic acid based, directed to cancer diagnosis, prognosis, prediction of response to particular therapies, and identification of individuals at increased risk. The incumbent will be responsible for planning, analyzing, developing, reviewing, and evaluating research programs with emphasis on the development and application of genetic technologies for cancer diagnosis.

**Salary — Ranges from $52,867-$82,217 per annum.**

**Benefits — Health and life insurance options, retirement, paid holidays, vacation and sick leave.**

U.S. citizenship is required. Applicants must meet the basic experience and educational qualification requirements for Health Scientist Administrator. In order to validate your qualifications, it is necessary to describe your proficiency in the following knowledge, skills, and/or abilities (KSAs): 1) Knowledge required to manage a program aimed at the development and application of innovative technologies, particularly nucleic acid based technologies, to cancer diagnosis; 2) Ability to plan, develop, and implement research grant and contract programs including the formulation of program objectives, goals, and initiatives; and 3) Ability to establish and maintain professional relationships with scientists in academia, industry, and Government.

For further qualification requirements, application procedures, and other additional information, please contact Ms. Jill Karr, Personnel Management Assistant, NCI at (301) 402-2812. Please submit either an application for Federal Employment (SF-171) or a resume to Ms. Karr at: The National Cancer Institute, Personnel Management Branch, 6120 Executive Boulevard, Executive Plaza South, Room 537, Rockville, Maryland 20852. A current curriculum vitae and bibliography must accompany all applications for this position.

*NIH is an Equal Opportunity Employer*
Ph.D. MICROBIOLOGIST

The DowElanco Department of Biotechnology and Plant Genetics has an immediate opening for an experienced, highly innovative Ph.D. microbiologist who has comprehensive technical knowledge and experience in the area of microbial interactions in the soil/plant environment. As part of an interdisciplinary team, this scientist will be responsible for technical leadership of an existing group focused on the discovery and characterization of novel microorganisms which produce toxins useful for proprietary approaches to agricultural and urban pest control. Required technical skills will include experience in optimization of lab-scale fermentation parameters, the ability to apply knowledge of microbial physiology to non-standard laboratory micro-organisms, and expertise in the taxonomic categorization of diverse micro-organisms. Post-doctoral experience in the area of microbial pathogens of plant pests is highly desirable.

The successful candidate will join a highly productive, team-oriented group of scientists committed to the discovery of novel biologically-derived molecules that will lead to new classes of agricultural products for the future.

In addition to a competitive compensation and benefits package, DowElanco offers challenging opportunities within a creative, stimulating, and diverse work environment. DowElanco is an affirmative action, equal employment opportunity employer.

Interested candidates should send a letter of interest, resume, transcripts, and the names, addresses and phone numbers of three references to:

Kathy McIntyre/Microb1
R&D Human Resources
DowElanco
9330 Zionsville Road
Indianapolis, IN 46268-1054

Deadline for submission is July 1, 1996.

DowElanco

DEPARTMENT CHAIR AT THE SOUTHWEST FOUNDATION FOR BIOMEDICAL RESEARCH

Nominations and applications are invited for a department chair who has an interest in research with nonhuman primates. The successful candidate will have the opportunity to redefine and further develop a department with an emphasis in molecular medicine, primate disease models, gene therapy, molecular and cellular physiology, or related areas. The name of the present department, Physiology and Medicine, may be changed to reflect a new area of focus. The department currently has four faculty-level members with major collaborative research programs in atherosclerosis, hypertension, bronchopulmonary dysplasia, obesity, and osteoporosis, all involving nonhuman primates. The Southwest Foundation has more than 3,000 nonhuman primates, a strong postdoctoral training program, and a close relationship with the University of Texas Health Science Center at San Antonio. Candidates should have a Ph.D. or M.D. degree, a history of extramural funding, administrative experience, and ability to provide dynamic leadership. Letters of nomination should include a summary of the nominee's research, administrative accomplishments, and other qualifications. Applications should include a curriculum vitae, a list of grant support, a description of research interests and plans, and the names of three references. Materials should be mailed to:

Dr. John L. VandeBerg
Department Chair Search Committee
c/o Mike Moore, Director of Human Resources (610)
Southwest Foundation for Biomedical Research
P.O. Box 760549, San Antonio, Texas 78245-0549

Equal Opportunity Employer

WE DEPEND ON THE COMMITMENT OF OUR EMPLOYEES.

At Abbott Laboratories, our professionals are researching, developing and marketing the health care products that will make a significant impact on generations to come. As we expand our efforts to develop novel therapeutics for inflammatory and autoimmune diseases, our Neuroscience and Immunoscience Research Areas of the Pharmaceutical Products Division are seeking creative, highly motivated individuals for several positions within a multidisciplinary drug discovery team.

SENIOR RESEARCH BEHAVIORAL PHARMACOLOGIST

You will design and conduct experiments in the behavioral and pharmacological areas of neuroscience drug discovery, interpret and communicate findings, and maintain detailed records of research activities. This will include the preparation of papers for publication in scientific journals.

We require a Ph.D. and 2+ years of post doctoral work in Neuroscience. Research experience in behavioral neuroscience, including work with neurochemical, neuropharmacological and/or neuroanatomical techniques is a must, as is a basic familiarity with equipment used in assessing behavior in experimental animals. Experience in stereotaxic surgery is also required. A record of accomplishments as evidenced by publications is essential. (Job #96-JLW-1265)

ASSOCIATE SCIENTISTS – IN VIVO/IN VITRO

You will assist in researching and developing novel therapeutics for inflammatory and autoimmune diseases through in vivo or in vitro experiments. Specifically, you will study immunosuppressant drug effects on cell proliferation, cell activation, signal transduction, and co-stimulatory pathways.

We prefer an MS or BS with 2+ years of research experience in immunology. For the in vitro position, experience with cellular and biochemical measures of T lymphocyte activation is desired. Experience with molecular biology techniques is a plus. For the in vivo position, a research background in models of inflammation and/or autoimmune disease is desired. Experience in surgical manipulations, injection and sampling techniques, HPLC analysis of drug blood levels and immunoassay methods or development of disease models is helpful. (Job #96-JLW-1341)

With 50,000 employees worldwide, and more than $10 billion in annual sales, we've established ourselves as a respected global business and innovative leader in the changing health care industry. For consideration, please send your resume with salary history to: Abbott Laboratories, Job #, D583, AP95, 100 Abbott Park Rd., Abbott Park, IL 60064. Abbott is an Affirmative Action Employer/Smoke-Free Environment.
POSTDOCTORAL ORNITHOLOGIST

The South Florida Water Management District is seeking a POSTDOCTORAL ornithologist to work in Central Florida on breeding ecology of mortared ducks and wintering ecology of anatids along the Kissimmee River. The qualified candidate will collaborate closely with researchers at the South Florida Water Management District and work out of the Riverwoods Field Laboratory on the Kissimmee River. Experience conducting nest searching for prairie ducks is desirable.

The South Florida Water Management District offers competitive salaries and excellent benefits. Efires will be required to successfully complete a pre-placement drug test. Submit letter, curriculum vitae, and three letters of recommendation along with Social Security number to: Dr. Thomas Bancroft, Archbold Biological Station, P.O. Box 2057, Lake Placid, FL 33852. Closing date is June 1, 1996. Equal Opportunity Employer/Menitives/Female/Disabled/Veterans.

POSTDOCTORAL POSITION

Available at the Argonne National Laboratory (20 minutes' drive from Chicago, Illinois). Research in polymers-DNA and DNA-DNA interactions related to conceptually novel methods of DNA sequencing with modular primer walking, see PNAS, 90, 4241-45, 1992; BioTechniques, 17, 554-558, 1994; and NAR, 23, 2881-2885, 1995. Development of new techniques for rapid DNA sequencing and mapping. Creative ideas are welcome. Funded by the U.S. Genome Program. Contact: Dr. Levv Ulanovsky by Email: RPLEVY@weizmann.weizmann.ac.il.

POSTDOCTORAL FELLOWSHIP

POSTDOCTORAL FELLOWSHIP in Behavioral Neuroscience. Laboratory focuses on parental behavior and sexual dimorphism using prairie voles and human tissue. Strong anatomical background needed. Send resume and statement of interests to: Dr. Brian Kirkpatrick, Maryland Psychiatric Research Center, P.O. Box 21247, Baltimore, MD 21228. Affirmative Action/Equal Employment Opportunity/ADA Employer. Women and minorities encouraged to apply.

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The Helmut Horten Research Award will be presented for the fourth time on November 14, 1997, in Lugano.

The Helmut Horten Foundation will award a scientist, or a group of scientists working on a common project, the Helmut Horten Research Award which totals one million Swiss francs (approximately US$ 800'000.−). This amount includes a sum to be given to the laureate for his discretionary use and funds to support his research in the field of basic, clinical or applied sciences. The Award will be granted every other year on a world-wide basis.

The Award honours achievements and encourages research in the field of medicine and biology to benefit human health. Such achievements could include seminal scientific contributions to the basic biomedical sciences, epidemiology, parasitology, or to disease eradication efforts.

The Award winner will be selected by a committee of internationally prominent scientists.

The former Award winners are:

1991 Prof. Sir Richard Doll and Dr. Richard Peto, Oxford University, GB
(for contributions in the discipline of epidemiology)

1993 Prof. Herbert W. Boyer, University of California, San Francisco
Prof. Stanley N. Cohen, Stanford University, Stanford
(for their seminal role in recombinant DNA technology)

1995 Prof. Yuet Wai Kan, University of California, San Francisco
Prof. Stuart H. Orkin, Harvard Medical School, Boston
Prof. Sir David J. Weatherall, University of Oxford, GB
(for contributions concerning the knowledge and prevention of the Thalassemia syndromes)

Please note:

1. Nominees should be proposed by scientists, physicians or institutions having detailed knowledge of the candidate's research.

2. Nominations submitted by candidates themselves cannot be considered.

3. Nominations must be made on the official form.

For additional information please contact:
The Secretary of the Selection Committee
Helmut Horten Foundation
CH-6995 Madonna del Piano/Switzerland

4. Nominations must be sent by September 4, 1996.

Villalta, May 1996
The Toxicology Department of the Navy Medical Research Institute (NMRI) seeks applications for a RESEARCH TOXICOLOGIST at the level of GS-12. This is a full-time, permanent Civil Service position. The incumbent of this position will conceive, design, conduct, and supervise toxicology testing studies and basic research projects. The goals of this research effort include providing toxicity data on chemicals of Navy concern and developing an understanding of mechanisms of action of such chemicals. Incumbent will assist in the process of instilling laboratory toxicity data into the Naval Occupational Health and Safety program.

The successful applicant possesses a degree in toxicology or an appropriate discipline of the biological, medical, or veterinary sciences that includes at least 30 semester hours in toxicology. In addition, one year of specialization experience at the next lower grade level or a Ph.D. or equivalent doctoral degree is required. Candidates must demonstrate knowledge of state-of-the-art toxicology, toxicokinetics, and toxicodynamics and curricula analysis skills as well as a demonstrated ability to lead a research team.

Publication of research results and the ability to communicate orally and in writing is required. Evidence of active research is also required.

To apply, applicants must send a resume including a list of publications by 1 August 1996 to:

NMR/TD
One Kansas City Place
1200 Main Street
Kansas City, MO 64105-2118

The Capizzi Ph.D. Graduate Research Assistantship

.50 FTE, 12-month position developing modern approaches to delivery of extension services. Specific topic will be developed in collaboration with extension entomologists in the Department. Post carries responsibility for maintaining and developing insect identification service. Position ideal for a candidate wishing to take up a career in extension entomology and would suit applicant with interest and skills in information technology and education via new media, as well as economic entomology. Applicants should have a B.S. degree or obtain M.S. in an appropriate subject and must be eligible for admission to Oregon State University graduate school. Submit letter of application, curriculum vitae, college transcripts, and three letters of reference to: Dr. Paul Jepson, Chair, Department of Entomology, 2046 Cordley, Oregon State University, Corvallis, OR 97331-2907 by June 30, 1996. Oregon State University is an Affirmative Action/Equal Opportunity Employer.

RESEARCH TOXICOLOGIST

An established NIH-supported lab in the field of hepatic membrane transport and pathobiology seeks an experienced individual for postdoctoral research as well as provide technical advice and guidance for a lab of seven to nine students, fellows, and faculty. Requirements: Ph.D. in membrane transport, biochemistry, or cell biology. Experience in biochemistry, including protein isolation and characterization; cell biology, including cell fractionation; and molecular biology, including hybridization techniques. Send curriculum vitae to: Dr. Irwin Arias, M.D., Chairman, Department of Physiology, Tufts University, 126 Harrison Avenue, Boston, MA 02111. Applications will be accepted through June 15, 1996. An Affirmative Action/Equal Opportunity Employer.

RESEARCH FELLOW

An established NIH-supported lab in the field of hepatic membrane transport and pathobiology seeks Ph.D. Requirements: Ph.D. in membrane transport, biochemistry, or cell biology. Experience in biochemistry, including protein isolation and characterization; cell biology, including cell fractionation; and molecular biology, including hybridization techniques. Send curriculum vitae to: Dr. Irwin Arias, M.D., Chairman, Department of Physiology, Tufts University, 126 Harrison Avenue, Boston, MA 02111. Applications will be accepted through June 15, 1996. An Affirmative Action/Equal Opportunity Employer.

GRADUATE STUDIES VISION SCIENCE

The Graduate Program in Vision Science leading to a Ph.D. degree is seeking candidates for study in various interdisciplinary programs. Potential candidates must have completed an undergraduate degree in biological, physical, or health sciences. Fellowships are funded by National Eye Institute and other outside agencies. For application write to: Dr. Graeme Wilson, Director, Graduate Program, Vision Science Research Center, Massachusetts Institute of Technology, Cambridge, MA 02139. Applications will be accepted through June 15, 1996. An Affirmative Action/Equal Opportunity Employer.

BOSTON UNIVERSITY SCHOOL OF MEDICINE

Applications are invited from accomplished SCIENTISTS interested in the molecular and cellular basis of neurodegenerative diseases. The role of growth factors in neuronal development and plasticity is also of particular interest. Start-up packages, including faculty status, space are available to establish a state-of-the-art research program. Please send curriculum vitae, a brief statement of research goals, and the names and telephone numbers of at least three references to: Dr. David H. Farb, Department of Pharmacology, Boston University School of Medicine, 80 East Concord Street, Boston, MA 02118. Equal Opportunity/Affirmative Action Employer.

A POSTDOCTORAL POSITION is available to study communication between different excitable or nonexcitable cell types (epithelial/gastrointestinal—smooth muscle of airways, vascular/lymphocytes or gland cells: Mol. Cell. Endocrinol., 98:173, 1994). Techniques include video microscopy of Ca2+ dys, photochemistry, electrophysiology, and molecular biology. Electrophysiology experience an advantage but not essential. Send curriculum vitae and statement of interests to: Dr. M. J. Szmolka, Director, Alcohol Research Laboratory, Medical Center, 55 Lake Ave North, Worcester, MA 01655. FAX: 508-856-5997, University of Massachusetts Medical Center is an Equal Opportunity/Affirmative Action Employer.

MOLECULAR NEUROBIOLOGY POSTDOCTORAL POSITION

Available immediately for structure/function studies on the central nervous system, in particular the hypothalamus. Molecular biology background required. Studies mainly use Xenopus oocyte expression system and electrophysiological analysis. Send curriculum vitae and names with addresses of three references to: Dr. John P. Leonard, Department of Biological Sciences, MC/066, University of Illinois at Chicago, 845 West Taylor Street, Chicago, IL 60607. University of Illinois at Chicago is an Equal Opportunity/Affirmative Action Employer.

UNIVERSITY OF CHICAGO

Two POSTDOCTORAL positions are available immediately to study molecular mechanisms of neuronal survival and differentiation. Ongoing projects involve neurophins in retinal development and the use of viral vectors (gene therapy) in neurodegenerative disease. Molecular and/or anatomical experience necessary. Send curriculum vitae and three references to: Dr. Stephen Wexler, Department of Molecular Genetics, University of Chicago, 5841 S Maryland Avenue, Chicago, IL 60637. FAX: 312-702-9000, wexler@uic.edu, uchicago.edu.

CYSTIC FIBROSIS RESEARCH

POSTDOCTORAL POSITIONS available to study sodium and chloride channel physiology and molecular biology in normal and cystic fibrosis epithelial tissues. Emphasis is on electrophysiology, mammalian and Xenopus oocyte expression systems, and mutation analysis. Some experience in the electrophysiology of ion channels is preferred. Send curriculum vitae and three references to: The Director of Cystic Fibrosis Research, Department of Physiology, Johns Hopkins University School of Medicine, 725 North Wolfe Street, Baltimore, MD 21205. Email: wguggen@wpo.jhu.edu.
neu zu besetzen. Gesucht wird eine Persönlichkeit mit

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an die Universität Basel wird erwartet. Zeitgemäss Salarierung
und Sozialleistungen werden geboten.

Informationen zur gegenwärtigen Organisation und Tätigkeit des
STI können bei dessen Sekretariat angefordert werden.

InteressentInnen reichen ihre Bewerbung (mit dem Vermerk:
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handschriftlich abgefasst-mit den übilchen Unterlagen bis zum
31.Mai 1996 ein bei Herrn Prof. Dr. H.R. Striebel, Präsident des
Kuratoriums des Schweizerischen Tropeninstituts, Socinstrasse
57, Postfach, CH-4002 Basel.

| Foundation for Research, Science and Technology |
| Tātapa Toha Pātea, Whakataketō Kaupapa Rangahau, Pāniaia |

Post-Doctoral Fellowships

The NZ Science & Technology Post-Doctoral Fellowships
Scheme provides early career support for New Zealand scientists,
engineers and social scientists of outstanding talent, for post-
doctoral research either locally or overseas. Applicants must be
New Zealand citizens or permanent New Zealand residents.

Fellowships will normally have a maximum value of NZ$70,000
(incl. GST) per year; the stipend will on average be NZ$50,000
(incl. GST). A contribution is made to the costs incurred by an
organisation hosting a Fellow. Fellowships tenable in overseas
countries will have an overall value that reflect costs of working
in the particular country; applications to work in countries
with which New Zealand has not had strong science links are
encouraged.

Applications must be received by 10 June 1996, on the application
form available from the Foundation. Please contact:
The Foundation for Research, Science and Technology
PO Box 12-240, Wellington, New Zealand.
Tel: 64-4-499 2559, Fax: 64-4-499 2568
Email: pdfs@frst.govt.nz

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An expanding range of activities in basic cardiovascular research, in-
cluding work on the endothelial and renin-angiotensin systems, has cre-
ated an opening for an experimental nephrologist on our cardiovascular
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Tasks include studying the renal effects of novel cardiovascular drugs
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renal failure by developing models for the detailed characterization of
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The successful applicant will be a skilled scientist with an appropriate
academic background, postdoctoral experience in experimental
nephrology and a strong research record in this field. Applicants should
be able to perform micropuncture experiments, and they should have
a solid understanding of drug R&D in the pharmaceutical industry.

Please send a C.V., copies of your main publications and a letter ex-
plaining your interest in joining a pharmaceutical company to Mr. W.
Aschwanden in our Personnel Department, quoting reference Science
2016/96/As.

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Select SCIENCE Classified Advertising from the menu
Max Planck Institute of Psychiatry
Clinical Institute
VW-Project
Group of Dr. Reul, Munich

Applicants are invited for a POST-DOCTORAL POSITION to investigate the interactions between steroid hormones, neurotransmitters and cytokines in the CNS. Research experience in molecular (neuro) biology and neuroimaging techniques (e.g., in situ hybridisation, immunohistochemistry) is required. Experience in experimental animal techniques would be favourable. The successful candidate will be a member of a multidisciplinary team conducting basic research on the pathogenesis of stress-related psychiatric disorders such as major depression. The position will last for up to 2 years with possible extension thereafter. Applications should be addressed to Personnel Office, Max Planck Institute of Psychiatry, Clinical Institute, Krahelinstr. 2-10, D-80804 Munich, Germany.

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Worley H. Clark Chair in Chemical Engineering at North Carolina State University

Applicants are being sought for this highly prestigious professorship, endowed by the Nalco Chemical Co., in honor of Mr. Worley H. Clark, a Distinguished Engineering Alumnus of NC State University who was President and Chief Executive Officer of Nalco for many years. The proceeds from this endowment will help foster research efforts in areas of interest to the H. Clark Professor. We are seeking the best possible candidates for this position, regardless of field of research. Applicants should have a well-established international reputation for excellence in research in either industrial or academic environments.

Interested candidates should send a resume to:
Prof. Ruben G. Carbonell
Hoechst Celanese Professor and Head
Department of Chemical Engineering
North Carolina State University
Box 7905
Raleigh, NC 27695-7905

If there are any questions about this opportunity, please call (919) 515-2499. This office can also be reached by FAX: (919) 515-3465 or email: ruben@ncsu.edu. NCSU is an affirmative action equal opportunity employer.

Lectureship in Anatomy

Applications are invited for a Lectureship (Non-clinical) in the Department of Anatomy (Ref: RF-95/96-87), tenable from 1 July 1996, subject to the availability of funding. Appointment will initially be made on a fixed-term basis of three years, with a possibility of renewal.

Applicants should possess a Ph.D. in a relevant science subject with post-doctoral research experience, or a registrable medical or dental qualification with research/clinical experience. The appointee is expected to undertake general teaching duties for pre-clinical students of medicine and dentistry as well as nursing students in one or more anatomical specialties, to conduct research and to supervise postgraduate students. Preference will be given to candidates who have research interests in one of the Department's existing areas of expertise which include Cancer Biology, Molecular and Cell Biology, Functional Morphology and Biomechanics, Neurobiology, Neuroendocrinology and Reproductive Biology.

Annual salary per annum [non-superannuable but attracting 15% (taxable) terminal gratuity] is on an 11-point scale, with starting salary depending on qualifications and experience: HK$454,200 - HK$758,700 (approx. US$58,957 - US$98,532; US$ equivalents as at 10 April 1996).

At current rates, salaries tax will not exceed 15% of gross income. Children's education allowances, leave, and medical benefits are provided, housing or tenancy allowances are also provided in most cases at a charge of a percentage of salary, currently 7.5%.

Further particulars and application forms may be obtained either on WWW at http://www.hku.hk, or from the Appointments Unit, Registry, The University of Hong Kong, Hong Kong (Fax (852) 2540 6735/2559 2068; E-mail: APPTUNIT@REG.HKU.HK).

Closes: 14 June 1996.

The Department of Veterinary Pathobiology, Texas Veterinary Medical Center, Texas A&M University, invites applicants for at least three tenure-track faculty positions. Appointments will have approximately 70% effort in research and 30% effort in teaching/service responsibilities. Candidates will be expected to establish and maintain a vigorous and independent, externally funded research program. Research focus should complement the departmental themes of parasitology, mechanisms of infectious diseases, pathogenesis of genes and host resistance to disease. One position will require a DVM or equivalent degree, ACVP certification or eligibility, and participation in the College of Veterinary Medicine’s teaching and necropsy/biopsy service as part of the position’s 30% teaching/service effort. Additional positions require a Ph.D. or equivalent degree. The 30% teaching/service effort of these two other positions will be teaching at the undergraduate, professional, or graduate level in the respective areas of expertise. Appointments are for 12 months with a competitive salary, laboratory space, and start-up support available. Departmental core facilities include: automated DNA sequencing and oligonucleotide synthesis; flow cytometry; gene targeting/transgenic mice; morphometric analysis; gel documentation; and histology/imunohistochemistry in situ PCR. College facilities provide an ACAS/Cfinoc/EM image analysis core. Academic disciplines of the department include parasitology, anatomic pathology, microbiology, immunology, clinical pathology, and molecular genetics. The department’s approximately 45 faculty and 70 graduate students participate in diverse research activities including established campus-wide programs in genetics, toxicology, nutrition and neurosciences. Review of applicants will begin immediately and continue until these positions are filled. Applicants should send a curriculum vitae, a statement of research interests and goals, pertinent reprints, and a list of three references to: Dr. Jim Womack, Chair of Search Committee, Department of Veterinary Pathobiology, Texas Veterinary Medical Center, Texas A&M University, College Station, TX 77843-4467. Telephone: (409) 845-9810, FAX: (409) 845-9972. Additional departmental information, including current faculty interests, may be viewed via WWW at http://vcm.tamu.edu/~vtpb. Texas A&M University is an equal opportunity employer committed to excellence through diversity, and encourages applications from women and minorities.
POSTDOCTORAL POSITIONS
Mechanisms of Neurodegeneration/Regulation and Molecular Biology of Transmitter Transporters

POSTDOCTORAL POSITIONS (over two years) available to study 1) the molecular regulation of neurotransmitter uptake under normal and pathophysiological conditions, 2) molecular neuroanatomy of glutamate transporters (via subtype-specific antibodies and oxidative mechanisms in chronic motor neuron degeneration. Experience with some of the following is required: basic molecular biological techniques, transcriptional or translational regulation, cell culture. Studies will include regulation of cloned transporters under normal and pathophysiological conditions, antisense knockouts of glutamate transporters, development of transgenic mice expressing various glutamate transporter subtypes, detailed immunohistochemical and electron microscopic localization of transporter subtypes. Studies may also include studies using primary or immortalized neuronal cultures (BCL-2 and BCL-2 related proteins, SOD1 knockouts) readily available or already in use. Send curriculum vitae and a list of references to: Jeffrey D. Rothstein, MD, Ph.D., Johns Hopkins University Department of Neurology Meyer 5-119, 600 North Wolfe Street Baltimore, MD 21287 Telephone: 410-955-6435 FAX: 410-955-1961 Johns Hopkins University is an Equal Opportunity Employer.

POSTDOCTORAL FELLOW
University of California, San Francisco (UCSF). POSTDOCTORAL position available immediately to study regulation of SGLT3, the major chloride transporter, focusing on mechanisms of transcriptional regulation by ethanol. Goals include identification of ethanol-responsive transcription factors and signaling cascade involved in ethanol action. Experience in mammalian molecular biology is required. Experience with transcriptional regulation and signal transduction is preferred. Applicants must have a Ph.D. in biochemistry, molecular biology, or related field. Send curriculum vitae and a list of three references to: Michael F. Miles, M.D., Ph.D., University of California, Department of Neurology, Building 1, Room 101, 1001 Potrero Avenue, San Francisco, CA 94110. Affirmative Action/Equal Opportunity Employer.

POSTDOCTORAL/RESEARCH ASSOCIATE position available for a Ph.D. with experience in molecular biology approaches to join a multidisciplinary group studying the cell biology of exocrine mucus gland cells. We are currently elucidating signaling mechanisms associated with mucin secretagogues and VIP induced exocrine secretion, and points of convergence. Responsibilities include participation in ongoing studies and helping design and implement investigations of agonist regulation of mucus cell functions. Send curriculum vitae, a list of three references, and three letters of reference to: Michael F. Miles, M.D., University of California, Department of Neurology, Building 1, Room 101, 1001 Potrero Avenue, San Francisco, CA 94110. Affirmative Action/Equal Opportunity Employer.

POSTDOCTORAL FELLOW—Molecular Immunology: A position is immediately available to study MHC class II antigen presentation, B cell activation, and peptide/MHC presentation. A strong interest in MHC structure, function, and expression is required. Send curriculum vitae and a list of references to: Dr. Daniel C. Mann, Veterans Affairs Medical Center, Mail Stop 151F, Portland, OR 97201. FAX: 503-721-1082; Email: daniel.mann@va.gov.

POSTDOCTORAL POSITION IMMUNOLOGY
Available immediately for a newly graduated Ph.D. to work on CD4 T cell activation and differentiation. Projects include analyses of cytokinuleucocyte, peptide/MHC and cytokine analogues, and cytokines during response and in generation of T cell subsets. Background in immunology required. Prior experience with culture of T cells highly desirable. Send resume and three references to: Dr. M. Croft, SSR, 11149 North Torrey Pines Road, La Jolla, CA 92037. Equal Employment Opportunity/Affirmative Action Employer.

UNIVERSITY OF ZURICH
Postdoctoral Research Associate in Neuroscience
A position (up to three years) for an electrophysiologist is available to study odonate's phototransduction receptors in a hippocampal slice culture model of cerebral ischemia. Starting salary: $55,000 to $60,000. Applicants are invited to send their curriculum vitae and names of references to: Dr. U. Gerber, Brain Research Institute, University of Zurich, August Forel-Strasse 1, CH-8029, Switzerland.

POSTDOCTORAL POSITION
Molecular Biologist
POSTDOCTORAL LEVEL
Lundberg Laboratory for Diabetes Research, Göteborg, Sweden

Experienced molecular biologist wanted for a POSTDOCTORAL position. Candidate should preferably have experience in insulin/cytokine signaling and solid background in immunology including run-off assays, cloning, vector constructs etc. Focus for candidate will be on regulation of transcription. For further information please contact: Cristina Ron- don, University of Umeå; or Ulf Smits, M.D., Ulf.Smits@ULF.UNI.URBAN. SE; Phone: +46 31 601104. Send before June 30, 1996, applications, including names and addresses of three references, to: Professor Ulf Smits, Lundberg Laboratory for Diabetes Research, Sahlgrenska University Hospital, S-413 45 Göteborg, Sweden.

POSTDOCTORAL/RESEARCH ASSOCIATE position is available to study the neurophysiology of subcortical pathways mediating plasticity contributing to vergence eye movements. Work involves behavioral and electrophysiological (single-unit) studies using trained primates. Individuals with interests in behavioral neuroscience, neural control of movement or vision are encouraged to apply. Experience with single-unit recording or behavioral training is useful but not necessary. Excellent research environment and benefits. For more information contact: Dr. James T. Powell, Department of Physiological Optics, The University of Alabama at Birmingham, Birmingham, AL 35249-4390. Telephone: 205-975-2613; FAX: 205-975-5725; Internet: lmays@vision.vsrc.uab.edu. Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL RESEARCH POSITION
Reproductive/Developmental Endocrinology
Available immediately to Ph.D. to study peptide and steroid hormone production in vivo at the cellular/subcellular/molecular level by fetalplacental unit during pregnancy. Responsible for development and application of new techniques. U.S. citizenship essential. See Endocrinology, 16:608, 1995. Send curriculum vitae to: Eugene D. Albrecht, Ph.D., Center for Fetal Medicine Department of Obstetrics and Gynecology University of Maryland School of Medicine 665 West Baltimore Street Baltimore, MD 21201

POSTDOCTORAL POSITION
available for a motivated individual to study secretory vesicle biogenesis in human neuroblastoma cells. Applicants should have a Ph.D., M.D., or equivalent and experience in molecular biology. This NIH-funded position is available July 1, 1996. Send curriculum vitae and names of three references to: Dr. H. Hank Simms, M.D., Department of Surgery, Brown University, Rhode Island Hospital, A/P 103, 888 Eddy Street, Providence, RI 02903. Affirmative Action/Equal Opportunity Employer.

POSTDOCTORAL POSITION
available to study cell mechanical systems of synaptic plasticity contributing to simple forms of learning in Aplysia. Experience in electrophysiology required. Send curriculum vitae and names of three references to: Dr. Robert Hawkins, Center for Neurobiology and Behavior, College of Physicians and Surgeons of Columbia University, 722 West 168th Street, New York, NY 10032. Columbia University takes Affirmative Action toward Equal Opportunity.

POSTDOCTORAL POSITION
Available immediately to study the transcriptional regulation of a mammalian peptidase gene using cell transfection and transgenic mouse models. Experience in molecular biological techniques is an asset. Send curriculum vitae and letters of recommendation to: Dr. Louis B. Hersh, Department of Biochemistry M560, University of Kentucky, Lexington, KY 40536-0384. Email: Affirmative Action/Equal Opportunity Employer.

POSTDOCTORAL FELLOWSHIP
Cornell University Medical College
Second POSTDOCTORAL POSITION available immediately to study signaling mechanisms in virally mediated endothelial cell apoptosis. Molecular biology experience necessary; HIV experience desirable. Responsible: Jeffrey Laurence, M.D., Cornell University Medical College, 411 East 69th Street, New York, NY 10021.
Looking for Talent in Bioinformatics?


NEW! Bioinformatics Banner Highlights Your Organization's Career Opportunities!
In this issue, SCIENCE will highlight recruitment advertisements targeted to scientists with computer expertise under a new Bioinformatics banner. This is the perfect place to promote your career opportunities.

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The best on-line classified advertising service for scientific careers just got better:

- **New easy-to-use format:** An updated design by the Stanford University's High Wire Press makes finding your organization's career opportunities a snap for scientists.

- **New Search Engine:** Now both display and line ads will be posted in a fully searchable text format that allows scientists to narrow their recruitment search by discipline and geographic area.

- **New Internet Staff:** The new SCIENCE Internet staff assures that your electronic recruitment ads receive the same top service and care as your print advertising.

- **New System Enhancements:** Look for additional upgrades and features in 1996!

For more information contact:

**US. Janis Crowley**
Phone: (212) 496-7704
Fax: (202) 289-6742

**Europe: Debbie Cummings**
Phone: +44 (0) 1223 302067
Fax: +44 (0) 1223 576208

Space Reservation Deadline: 21 May 1996

NOTE: This is a special product advertising supplement. Recruitment advertisements will appear in the traditional classified advertising section in the back of the book.
The career-related information offered by this new on-line publication will be a valuable resource for scientists beginning their careers, and will offer unparalleled visibility for your organization!

Plan NOW to sponsor the following two-month forums:

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Scientists as Entrepreneurs (Biotech)

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Career Decisions: M.S. or a Ph.D.?

**MARCH**

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Your corporate logo will appear on this site for a period of two months and will be linked to a page of your organization’s career opportunities or home page.

**For more information contact:** Janis Crowley

**Phone:** (202) 326-6532; **Fax:** (202) 682-0816
**The Winery Of Ernest & Julio Gallo**

**POSTDOCTORAL**
A Postdoctoral position is now available at E. & J. Gallo Winery in Modesto, California. The position will involve the genetic investigation of wine and grape microorganisms through the utilization of new molecular techniques. The position will be within the Microbiology Group, but will work closely with the Genetics Group. The applicant will be expected to focus on the use of molecular fingerprinting techniques to genetically characterize and compare selected microorganisms. The ultimate goal will be to examine resultant markers for their utility as diagnostic probes. As a member of the Microbiology and Genetics Group, the candidate will be expected to contribute and participate in other team projects as well. The applicant should possess a Ph.D. in genetics/biochemistry or a related area, and must have a strong background in fingerprinting, marker analysis and cloning. Experience with PCR-based diagnostic probe development would be highly desirable. Interested individuals should send a curriculum vitae, description of prior research, and three letters of reference to: Professional Staffing Dept.-PD, E. & J. Gallo Winery, PO Box 1130, Modesto, CA 95353. EOE M/F/H.

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**ANNOUNCEMENT**

Nominations are solicited for the second annual **March of Dimes Prize in Developmental Biology.**

This prize, consisting of a medal and $100,000, will be awarded to an investigator who has made a seminal discovery in biology, one that has revealed a new principle of relevance to birth defects, and who has not previously received a major prize for this work.

The 1996 recipients were Drs. Beatrice Mintz and Ralph L. Brinster for their respective studies that culminated in the development of transgenic mice.

We request nominations of candidates for the 1997 award. Please make your recommendations before September 30, 1996 by letters, accompanied by the c.v.’s and bibliographies of those you are nominating, addressed to: Michael Katz, M.D., Vice President for Research, March of Dimes Birth Defects Foundation, 1275 Mamaroneck Avenue, White Plains, NY 10605.

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**Postdoctoral Positions in Biochemistry/Molecular Biology**

The University of Michigan, Department of Dermatology, is seeking highly motivated, creative scientists to fill postdoctoral positions. Preference will be given to candidates who can join us prior to July 31, 1996. Applicants should possess a Ph.D. with expertise in biochemistry and/or molecular biology, with demonstrated research excellence, and strong written and oral communication skills.

Positions are available immediately to investigate molecular mechanisms through which ultraviolet irradiation activates protein kinases and transcription factors, which lead to induction of metalloproteinases and extracellular matrix degradation in human skin. Mechanisms through which steroid and retinoid nuclear receptors antagonize responses of human skin to ultraviolet irradiation will also be investigated (see Fisher et al., *Nature*, 379:335-339, 1996; and *Nature*, 379: News and Views, 1996).

The Dermatology Research laboratories will be relocating to newly renovated, modern laboratories in the fall of 1996. Positions offer competitive salaries, long-term stable funding, and excellent opportunities for career development/advancement.

Send curriculum vitae to: Dr. Gary J. Fisher, Department of Dermatology, University of Michigan, 1301 E. Catherine, Kresge I, R6558, Ann Arbor, Michigan 48109-0528. FAX: (313) 747-0076, EMAIL: cmhill@umich.edu.

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Visit the SCIENCE On-line Web site and you just may find the key piece of information you need for your research. The fully searchable database of research abstracts and news summaries allows you to look through current and back issues of SCIENCE on the World Wide Web. Tap into the sequence below and see the SCIENCE On-line World Wide Web site for yourself.

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SCIENCE
Applications are invited for an NIH-funded position to study the role of specific chromosomal translocations in the etiology of pediatric solid tumors. Current investigations focus on the role of the PAX3/FKHR chimeric transcription factor in alveolar rhabdomyosarcoma (Oncogene 11:545, 1995; JBC 270:11719, 1995). Specific projects include defining the mechanisms responsible for cellular transformation by PAX3/FKHR, identification and characterization of specific downstream targets regulated by the fusion protein, and understanding its relationship to defective myogenesis and cell cycle regulation. Individuals are needed to work on all aspects of these projects involving biochemical, molecular, cellular, and molecular genetic analyses. Support facilities at this institution are exceptional, and the research environment is highly interactive, both within the Research Hospital and at the nearby UT Medical School. Qualified candidates should possess either a Ph.D. and/or M.D. in a relevant field. Please forward your CV and the names, addresses, and phone numbers of three references to:

David N. Shapiro, M.D.
Department of Experimental Oncology
St. Jude Children’s Research Hospital
332 North Lauderdale
Memphis, TN 38105
e-mail: dave.shapiro@stjude.org

Women and minorities are especially encouraged to apply.

SICRH is an affirmative action/equal opportunity employer.

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Became a member of an elite research and development community at the Naval Research Laboratory involved in basic and applied scientific research and advanced technological development for tomorrow’s Navy and for the nation.

- Manages, directs, and administers an internationally recognized scientific work force researching a broad spectrum of multidisciplinary scientific, engineering, and technical programs in numerical weather forecasting; tropical cyclone forecasting; atmospheric physics, processes, and phenomena; ocean atmospheric coupling; satellite meteorology; database management and visual information systems; and automation techniques for atmospheric analysis forecasting.

- Executive direction and technical leadership in the development of strategic plans associated with R&D programs developing all scientific and technical elements of atmospheric forecasting systems, and assessing atmospheric effects on Naval systems.

- Principal consultant to the Navy and to other agencies and nations on developing applications for the R&D programs under his/her cognizance.

- Applicants should be recognized as national/international authorities and should have planned and executed difficult programs of national significance or specialized programs that show outstanding attainment in their field of research.

- Resumes, SF-171s (Application for Federal Employment) or OF-612s (Optional Application for Federal Employment) must be postmarked by 28 June 1996. Apply to:

  * HRO (Attn: 96-01)
  * Naval Research Laboratory
  * 4555 Overlook Avenue, SW
  * Washington, DC 20375-5320

** NOTE: The Mandatory Executive Core and Technical Qualifications must be discussed in detail in order to receive full consideration for the position.

- Please contact: Cathy Hamilton on (202) 767-3031 for application details.

Navy is an Equal Opportunity Employer

(Women and Minorities are encouraged to apply)

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** Special Advertising Supplement 

** Career Opportunities for Scientists with Disabilities 

** Issue date: 14 June 1996 • Advertising space reservation deadline: 21 May 

On 14 June, SCIENCE will publish a special advertising section devoted to career opportunities for scientists with disabilities. This section will examine the steps being taken by employers to make their work environments accessible to all scientists.

** Bonus Distribution 

This issue will be distributed to the AAAS Resource Group of Scientists and Engineers with Disabilities.

** Benefits to Full Page Advertisers: 

- Special Positioning 

Full page recruitment advertisements will receive placement throughout the career-related special advertising section.

- Advertiser Indexes 

An index of full page recruitment advertisements referring readers to your ad in the special section will be published in this issue. Names of full page recruitment advertisers will also be listed on an index affixed to the covers of magazines mailed to the AAAS Resource Group of Scientists and Engineers with Disabilities.

- The Internet 

The advertising supplement will also be published on SCIENCE Classified Advertising On-line. An on-line advertiser index will link directly to your full page ad, and we will link your on-line ad to a listing of your career opportunities or your home page for no additional charge.

To advertise contact Janis Crowley 
Phone: (212) 496-7704; FAX: (202) 289-6742 
http://www.aaas.org
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<td>11th European Congress on Microscopy, 26-30 August, Dublin, Ireland</td>
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<td>Society for General Microbiology, 26-29 March, Warwick, UK</td>
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<td>31 May</td>
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<td>21 June</td>
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<td>28 June</td>
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Schedule may be subject to change.
FLOW CYTOMETRIST

Astra is a pharmaceutical company in a phase of rapid growth. The company’s operations, which are highly international, consist in research, production and marketing of pharmaceuticals through subsidiaries, agents and licensees all over the world. The number of employees is about 17,000 of whom 6,000 in Sweden. Sales in 1995 amounted to SEK 35,8 bn (USD 5.4 bn).

ASTRA ARCUS AB

Astra Arcus, a research company in the Astra Group, is engaged in R & D in primarily two areas – CNS and Infection. Astra Arcus employs some 450 people and the company is located in Södertälje, Sweden, 35 kilometres south of Stockholm.

Astra Arcus AB is currently seeking a full time Flow Cytometrist to the Department of Immunobiology. The candidate will work together with a team focused on immunology / neuroimmunology, to develop drugs for disorders in the central nervous system. The candidate will supervise daily functions and maintenance of FACSort and FACS Vantage, train personnel in the use and care of the equipment, plan and run experiment.

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For further information please contact Inger Axberg, phone +46-8-55 32 91 20, Mats Ferm, phone +46-8-55 32 86 87, or Kristian Sandberg, phone +46-8-55 32 96 04.

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