HOURS OF OPERATION

6 August 1993, Friday
12:00 PM - 6:00 PM

Employer/Candidate Registration and Interview Scheduling

7 -9 August 1993, Saturday-Monday
7:30 AM - 6:00 PM
8:00 AM - 5:30 PM
8:30 AM - 12:45 PM

Employer/Candidate Registration and Interview Scheduling
Interviews
Career Development Seminars: (Saturday and Sunday only)
"Career Change Issues: From Academia to Industry"
presented by Ed Bocko, Protran Resources, Inc.
"Career Development for Scientific Professionals with
Emphasis on Skill Building/Team Approach"
presented by Kym Goddu, Pfizer, Inc.
"Job Opportunities of Tomorrow: Projections on Hiring
Needs in Biotechnology"
presented by Ed Bocko, Protran Resources, Inc.

10 August 1993, Tuesday
9:00 AM - 1:00 PM

Interviews only

EMPLOYER BENEFITS

☑ Access to hundreds of top-notch candidates' resumes cross-referenced by discipline.
☑ Copy of the Employment Exchange Bulletins (pre- and post-meeting).
☑ On-site interview facilities and scheduling services at no additional charge.
☑ Unlimited position postings.
☑ Special rates for Science Innovation '93 exhibitors, nonprofit organizations, and AAAS Corporate Members.

CANDIDATE BENEFITS

☑ FREE enrollment for AAAS members. Low $10 fee for nonmembers.
☑ Current position openings in a variety of disciplines and experience levels.
☑ Access to full descriptions of all available positions.
☑ On-site Career Development Seminars.
☑ On-site interview facilities.
☑ Year-round Resume Referral Service.
☑ Employment Exchange Only fee for nonconference attendees. ($25 members; $50 nonmembers).

If you are presently in the job market, a student anticipating graduation in 1993, or if you are an employer with positions to be filled, and wish to take advantage of our efforts on your behalf, contact: Jacquelyn Roberts, Manager, AAAS Employment Exchange, 1333 H Street, NW, Washington, DC 20005. Phone: 202-326-6737.
VISITING ASSISTANT PROFESSOR
SABBATICAL LEAVE REPLACEMENT

The Department of Biological Sciences at the University of Nevada, Las Vegas, seeks an assistant professor (P82029) for a one-year position in microbiology, starting in September 1993. The candidate, who will hold a Ph.D. in microbiology, is expected to teach courses in the microbiology curriculum, including courses in her/his area of expertise. Opportunity for research is available in microbiology faculty laboratories. The salary range is $30,000 to $32,000. Send curriculum vitae, description of teaching and research interests, and at least two letters of reference to: Department of Biological Sciences, c/o Dr. Warren Burggren, University of Nevada, Las Vegas, Box 454004, 4805 Maryland Parkway, Las Vegas, NV 89154-4004. Applications will be reviewed as they are received.

The University of Nevada, Las Vegas, is an Equal Opportunity/Affirmative Action Employer. UNLV employs only U.S. citizens and aliens authorized to work in the United States.

MOLECULAR ELECTROPHYSIOLOGIST

The Department of Medicine, Section of Cardiology, invites applications for a tenure-track position at the rank of ASSISTANT or ASSOCIATE PROFESSOR beginning as soon as possible. Applicants should have an M.D. or Ph.D. degree and a record of accomplishment in basic research in the area of molecular electrophysiology. Individuals with research experience in the areas of the molecular and cellular biology of excitability will be given preference. Excellent departmental resources including newly designed laboratory space in the cardiovascular research center are available. Written applications including curriculum vitae, three letters of recommendation, and a description of research interests should be sent by September 17, 1993, to: Jeffrey M. Leiden, M.D., Ph.D., Professor of Medicine and Pathology, and Chief, Section of Cardiology, University of Chicago, 5841 South Maryland Avenue, BRH B608 MC6080, Chicago, IL 60637. The University of Chicago is an Affirmative Action/Equal Employment Opportunity Employer and strongly encourages females and minorities to apply.

ASSISTANT/ASSOCIATE PROFESSOR OF PHARMACOLOGY

The Department of Pharmacology at the University of Tennessee, Memphis, invites applications for a tenure-track position at the Assistant or Associate Professor level, available immediately. Candidates should possess the Ph.D. or M.D. degree, with postdoctoral training in biochemical and molecular approaches to problems in neuropharmacology and/or neurobiology. Faculty are expected to develop strong, extramurally funded research programs in metabolism, hemostasis, neurotransmitter and peripheral nervous system activities of the Department, especially in the area of autonomic and neuropharmacology. Candidates for Associate Professor should have an established funded research program. The Department of Pharmacology encourages research programs in lipid metabolism, molecular biology, neuroendocrinology, and autonomic, cancer, cardiovascular, endocrine and neuropharmacology. Applications from minority candidates are strongly encouraged. Please submit curriculum vitae, a description of research interests and future plans, the names and addresses of three letters of reference to: Dr. William K. Crowley, Chairman, Pharmacology Search Committee, Department of Pharmacology, The University of Tennessee, Memphis, Col- leges of Medicine, 874 Union Medical Center, Memphis, TN 38163. The search will continue until the position has been filled. The University of Tennessee, Memphis is an Equal Employment Opportunity/TITLE IX/ADA/Affirmative Action Employer.

THE RICHARD STOCKTON COLLEGE OF NEW JERSEY

GEOLOGY/ENVIRONMENTAL SCIENCES

One-Year Instructor (A.B.D.) or Assistant Professor (Ph.D.). Teaching includes Mineralogy, Petrology and participation in team-taught Physical Geology for students in Geology, Marine Biology, Field orientation of the program requires significant field experience. The Richard Stockton College of New Jersey is a D-state undergraduate institution in the New Jersey Pine Barrens. Current salary range $27,430 to $34,860. May be higher. Screening begins immediately. Send letter of application, resume, three letters of recommendation, and evidence of completion or expected date of completion of Ph.D. to: Barbara Byrne, Dean of Natural Sciences and Mathematics, The Richard Stockton College of New Jersey, A.C.T. 340, Stockton is an Affirmative Action/Equal Opportunity Employer. Women and minorities are encouraged to apply.

The University of South Carolina, Columbia, invites applications and nominations for the position of DEAN of the College of Science and Mathematics. The Dean of the College of Science and Mathematics is responsible for administering the College's budget of approximately $17.5 million in state funding and $21 million in outside support. The College consists of seven departments and several centers. Applicants should send a letter of application and a complete resume to: Dr. Ralph E. White, Chairman of the Science and Mathematics Dean Search Committee, Department of Chemical Engineering, Swearengen Engineering Center 2C13, University of South Carolina, Columbia, SC 29208. Telephone: (803) 777-6000; Fax: (803) 777-8265. The University of South Carolina is an Equal Opportunity Employer and specifically invites and encourages applications from women and minorities.
Public Invitation to Participate in a New Research and Development Project on
"Nonferrous Metallic Materials Recycling Technology"


In order to promote the research of global environmental technology and industrial technologies, the New Energy and Industrial Technology Development Organization (NEDO) would like to inform all interested companies and research organizations regarding the research and development project described below. This new project is being undertaken as part of the Research and Development Program on Industrial Technology for Protection of the Global Environment and The National Research and Development Program of the Ministry of International Trade and Industry of Japan.

Theme of the Research Project
"Research of Nonferrous Metallic Materials Recycling Technology"

Outline of the Research Work to be Entrusted
This project, entitled "Research on Nonferrous Metallic Materials Recycling Technology", will be implemented in order to promote the utilization of substitute energy for oil and reduce the load on the global environment by producing high quality metals from nonferrous metallic scrap.

The research to be entrusted as part of this project includes research on technologies for high level melting processes, high level refining processes, utilization of slag, etc. as well as research on a total system for integrating such technologies.

Procedures for Application
(1) Qualification Criteria
All companies or research organizations who meet the following qualification criteria may submit an application to participate in the above projects:
1. The applicant must have previous research and development experience in the field covered by or related to the project and possess the organizational structure, human resources and research facilities required to carry out the project work.
2. The applicant must be in sound financial condition and have the ability to manage its finances and facilities as necessary to smoothly carry out the project work.
3. The applicant must be able to comply with NEDO's instructions, if such are necessary, to fully carry out the project work.
4. The applicant must have attended the explanatory meeting held by NEDO as set forth in item (2) below or been represented at the meeting by a responsible agent or representative who is capable of accurately conveying the contents of the meeting in detail.

(2) Explanatory Meeting
An explanatory meeting will be held on the date shown below in order for NEDO to fully explain the details of the project's research and development work to be entrusted and the application documents to be submitted. All companies or research organizations who are interested in submitting an application to participate in a project are required to attend this meeting or to send an agent or representative to attend on their behalf. Japanese will be the only language used during the meeting.

Date: August 10, 1993
Time: 14:00 to 15:00
Place: NEDO's Head Office
Sunshine 60 Building, 28th Floor, Room 280
1-1, Higashi-Ikebukuro 3-chome
Toshima-ku, Tokyo 170

(3) Further information
For further information regarding the research and development work to be entrusted under the above project, please contact NEDO by telefax as follows: New Energy and Industrial Technology Development Organization
Contract Division, Accounting Department
28th Floor, Sunshine 60 Building
1-1 Higashi-Ikebukuro 3-chome
Toshima-ku, Tokyo 170 Japan
Telefax: 08-5992-1184
The University of New Mexico (UNM) Cancer Center wishes to encourage all M.D., Ph.D., or other interested medical professionals, (ASSISTANT or ASSOCIATE PROFESSOR) studying molecular aspects of hematopoiesis, especially involving stem-cell and/or cytokine biology. This investigator will interact with other researchers studying the control of cytokine and protein kinase gene expression, activation of receptor-mediated signaling pathways and the regulation of adhesive interactions in hematopoietic cells. Interactions with the Cancer Center's clinical research programs, especially ongoing trials of high-dose chemotherapy with cytokine support, will be encouraged. Resources include the potential for regional and national collaborations, the UNM Hospital, a regional blood bank and outstanding facilities for molecular biology, protein chemistry and flow cytometry. Send curriculum vitae and names of 3 references to: Robert G. Strickland, M.D., Chairman, Department of Medicine, University of New Mexico School of Medicine, 2211 Lomas NE, ACC 8th Floor, Albuquerque, NM 87131. Affirmative Action/Equal Opportunity Program. Women and minorities encouraged to apply.

DIRECTOR, CENTER OF MARINE BIOTECHNOLOGY, Maryland Biotechnology Institute, University of Maryland System. The Maryland Biotechnology Institute (MBI) is seeking nominations and applications for the Director for the Center of Marine Biotechnology (COMB). Established in 1985, COMB is devoted to the molecular biology and genetics of the growth, development, disease management and reproduction of marine eukaryotes; marine microbial products and processes; interrelationships among marine organisms, and microorganisms. The Center of Marine Biotechnology currently has 19 faculty and total staff of 75. Additional growth is expected after completion of new Baltimore headquarters of the MBI. The Director is responsible for the development of COMB including research programs, faculty recruitment, technology transfer, and development of interactions with the biotechnology industry. The Director must be an internationally recognized leader in marine biotechnology or related discipline with experience in research program development and administration. Candidates will be appointed to a research faculty position with qualifications appropriate to appointment to rank of Full Professor. Nominations and applications should be submitted by September 20, 1993, to: Dr. Donald F. Boesch, Chairman, COMB Director Search Committee, 4321 Hartwick Road, Room 538, College Park, MD 20740.

DEPARTMENT HEAD
The Department of Microbiology, Pathology and Parasitology in the College of Veterinary Medicine, North Carolina State University (NCSU), is seeking exceptional well-qualified applicants for the position of Department Head to lead a department of 25 faculty with major programs in infectious diseases, pathology, toxicology, immunology and parasitology. The Head will be responsible for departmental programs, research, and veterinary clinical service. Candidates should have an outstanding background in research, a strong commitment to teaching and service, demonstrated leadership and administrative skills, and be eligible for appointment as a full professor. Applications received by September 15, 1993, will be given full consideration, although the search will proceed until the position is filled. Send curriculum vitae and request that 3 letters of recommendation be sent directly to: Chair of the Search Committee: Dr. John G. Vaupel, Department of Microbiology, N. C. State University, Raleigh, NC 27695-7617.

NCSU is an Affirmative Action/Equal Opportunity Employer.

POSTDOCTORAL POSITION
Virginia Mason Research Center (VMRC), Immunology and Diabetes Programs, Seattle, Washington. Postdoctoral research training in the genetic and cellular basis of autoimmune diseases. Positions are currently available in the laboratories of Dr. D. Gross for the analysis of the role of T cell biology in autoimmunity and processing and presentation. Patrick J. Concannon—Genetic linkage studies of insulin-dependent diabetes mellitus (IDDM) and type II diabetes mellitus (Mellitus). Please send curriculum vitae and references to: Virginia Mason Research Center, Attention: Personnel, 1000 Seneca Street, Seattle, WA 98101.
They're men. They're women. They're black. They're white. They're Asian. They're Hispanic. They're Argonne Scientists and Engineers. And yes, they're just what America needs.

When it comes to energy, when it comes to the environment, America needs leadership. And America is turning to Argonne National Laboratory.

Argonne plays a key role in the Department Of Energy's national laboratory system. Our research involves some of the most important energy and environmental issues.

We see our scientists, engineers and technicians as a vital national resource.

*Your work can make a world of difference.*

Argonne makes available some of the finest world class research tools in operation today. This includes a powerful source of pulsed neutrons for materials research and the first superconducting, heavy-ion accelerator.

Argonne is building on more than 40 years of expertise in nuclear energy research. Our most recent work involving breeder reactor technology has resulted in the development of an Integral Fast Reactor that promises to become the world's safest, cleanest and most economical power source. The Integral Fast Reactor will alleviate nuclear waste disposal problems by burning its own long-lived radioactive waste.

During 1992/93, teams of scientists and engineers will continue to oversee construction of the nation's brightest x-ray source, The Advanced Photon Source. The facility will eventually accommodate more than 300 scientists performing up to 100 experiments simultaneously.

Argonne is a national center of expertise for applied research efforts in superconductivity and in research on magnetically levitated vehicle systems. Our Advanced Computing Research Facility is one of the world's leading centers for research in parallel computing.

Argonne is a leader in many other important areas of scientific endeavor. Environmental impact. Biological research. Materials research and more.

*You'll shape the future.*

As a research professional at Argonne, you'll be called on to help develop the next generation of scientists. Argonne provides internships for hundreds of undergraduate and graduate students throughout the summer and also during the academic year.

*Bring your special interests to Argonne. Be a part of our special interest group.*

We're creating new opportunities for experienced scientists, engineers and technicians. If you want to work among the best...if you want to do your best, we would like to know more about you.

For more information on our career opportunities, write to: Walter D. McFall, Employment and Placement, Box SCI, Argonne National Laboratory, 9700 South Cass Avenue, Argonne, IL 60439. Argonne is an equal opportunity/affirmative action employer.
EXECUTIVE DIRECTOR
Research Information Management

Merck, the world’s leading pharmaceutical organization, seeks an individual to assume responsibility for scientific information resource management within its worldwide research operations. Overseeing a group of approximately 150 people, this executive will direct the program for the design, planning, implementation, and operation of information systems that support drug design and development efforts, including the organization, processing, dissemination and storage of information in ways that foster innovation.

The position requires a person with a strong, clear vision of the use of computers and information systems within a medical/scientific research environment. Since this individual will work closely with the company’s corporate computer resources group, as well as with a broad client base, candidates should have excellent team building skills and strong communication skills.

Candidates should have a science background and formal training in modern computers and information science. A Ph.D. is preferred. Individuals should be able to point to demonstrated success in managing significant information technology focused operations and have a strong personal track record of achievement.

Merck offers an attractive compensation and a generous benefits program. Resumes should be forwarded to:

Personnel Director
MRL Human Resources WP 42-2
Merck Research Laboratories
P.O. Box 4
West Point, PA 19486

LA TROBE UNIVERSITY
BUNDOORA, VICTORIA, AUSTRALIA

CHAIR IN BIOCHEMISTRY

This Chair in the School of Biological Sciences will become vacant on the retirement of the Foundation professor, Professor B.A. Stone, at the end of 1993. The Department of Biochemistry currently has eight full-time and two part-time academic staff. It is expected that an additional lectureship will become available following the appointment to the Chair.

There are five research fellows and three adjunct academics. The Department is responsible for the teaching of Science students at second, third and Honours years and second year Agricultural Science students. Staff in the Department have established research strengths in protein and enzyme purification, DNA-drag interactions, signal transduction in plants, biochemistry of malaria, microchondrial protein import, molecular chaperones, plant cell wall chemistry and biochemistry and polysaccharide hydrolase structure-function relationships.

Applicants must be able to demonstrate outstanding scholarship and research achievements of international standing in the discipline of biochemistry, and a capacity for academic leadership. The appointee will be expected to contribute to teaching at all levels, and serve an initial term of at least three years as chairperson of the department.

The University reserves the right not to make an appointment or to make an appointment by invitation. Salary: $A77,000 per annum.

Further particulars are available from the Secretary to the Selection Committee (61 3 479 1295; confidential fax: 61 3 471 0369). Informal enquiries to Professor R. Parish, Dean of Biological Sciences, telephone 61 3 479 2228.

Applications are requested to provide the following: a full curriculum vitae, the names and addresses of three referees, a statement of past teaching, research and professional activities, a statement of current teaching and research activities, and a statement of intended future research goals.

The application, marked “In Confidence” should be sent to the Secretary of the Selection Committee, Chair in Biochemistry, La Trobe University, Melbourne, Australia 3083, by 17 September 1993, quoting reference number ACA640.

La Trobe University is an Equal Opportunity and Affirmative Action Employer and provides a smoke-free work environment.

Linton Bishop Professorship in Human Genetics
Department of Genetics and Molecular Medicine
Emory University Medical School

Through the generosity of Dr. Linton Bishop’s family, the Department of Genetics and Molecular Medicine is searching for an internationally recognized geneticist who will hold the appointment as the Linton Bishop Professor of Human Genetics. Individuals specializing in gene therapy, the molecular basis of disease, or population and quantitative genetics are of special interest.

The Department of Genetics and Molecular Medicine occupies newly remodeled and equipped space which includes research laboratories, a diagnostic laboratory, a molecular histology laboratory, a developmental genetics laboratory, and a departmental genetics clinic. Within the context of the University’s Clinical Research Facility, the department also has access to an ultra-modern gene therapy suite which includes two operating rooms which communicate with a biohazard containment laboratory as well as three patient isolation rooms.

Emory’s suburban campus encompasses the Medical School, the undergraduate college, and three of five affiliated hospitals which draw patients from throughout the region.

Interested individuals should send their curriculum vitae and the names of three references to:

Douglas C. Wallace, Ph.D.
Robert W. Woodruff Professor of Molecular Genetics
Chairman, Department of Genetics and Molecular Medicine
1462 Clifton Road, Room 403
Emory University School of Medicine
Atlanta, GA 30322

Emory University is an Equal Opportunity/ Affirmative Action Employer.

University of Illinois College of Medicine at Urbana-Champaign
Assistant/Associate Professor of Pathology

The Department of Pathology at the University of Illinois College of Medicine at Urbana-Champaign (UICOM-UC) invites applications for an academic pathologist at the Assistant/Associate Professor level. Applicants must have an M.D. or M.D./Ph.D. and should preferably be Board certified or Board eligible in anatomic and/or clinical pathology. Individuals with research interests in neuropathology are particularly encouraged to apply; however, applicants with other interests will receive full consideration. The successful applicant will be expected to develop an independent research program and participate in medical student pathology education. Opportunities are also available for service work at the affiliated hospitals.

The University of Illinois at Urbana-Champaign (UIUC) has excellent research facilities which include the Beckman Institute for Advanced Science and Technology which emphasizes integrated research in the neural, cognitive and computational sciences. Facilities for confocal microscopy; genetic engineering; hybridoma and flow cytometry; molecular graphics; a National Center for Supercomputing Applications; and an NSF Science and Technology Center for Magnetic Resonance Technology for Basic Biological Research are available. A dominant feature of UICOM-UC is the Medical Scholars Program in which students study for an M.D. and another degree, usually the Ph.D.

Starting date and salary are negotiable. In order to ensure full consideration, applications should be received by August 16, 1993. Applicants are requested to send a curriculum vita, a summary of research interests, and three letters of reference to:

Dr. James A. Weyhenmeyer, Search Committee Chair
College of Medicine at Urbana-Champaign
University of Illinois
190 Medical Sciences Building
506 South Mathews Avenue
Urbana, Illinois 61801
Telephone (217) 333-4883

The University of Illinois is an AA/EOE.
GROUP LEADER
Mouse Molecular Genetics Program

The Biology Division of the Oak Ridge National Laboratory (ORNL), a recognized leader in multidisciplinary research and development, is seeking an experienced investigator to head a group in molecular mouse genetics. The candidate must be familiar with the utilization of mutant resources for addressing problems in developmental genetics and genome analysis. A knowledge of both classical genetics and modern molecular techniques is essential. A PhD is required in molecular biology, genetics, cell biology, or biochemistry, along with significant post-doctoral experience. The successful candidate should have a demonstrated potential to attract extramural support. Core funding will be provided at a level commensurate with the candidate's qualifications.

The ORNL Biology Division supports a large mouse genetics facility with numerous mutant stocks. An interactive group of scientists is conducting research in mutagenesis (agent-induced, insertional, and targeted), developmental genetics, and genome mapping. Additional Division programs include protein engineering, structural biology, and investigations into health effects of energy production and utilization for the Office of Health and Environmental Research within the Department of Energy. Among divisional support functions are cytogenetics, cryopreservation, and flow cytometry.

ORNL is a multi-purpose research facility managed by Martin Marietta Energy Systems, Inc., for the US Department of Energy. ORNL offers a competitive compensation and benefits package, including relocation. For immediate consideration, send your resume by September 30, 1993, to: L.B. Russell, Biology Division, Oak Ridge National Laboratory, Dept. SCI-806, P.O. Box 2009 Oak Ridge, TN 37831-8077.

ORNL is an equal opportunity employer committed to building and maintaining a diverse workforce.

Our entrepreneurial environment naturally evolves as a function of our mission: the development of recombinant DNA-based human therapeutics, utilizing the principles of cellular and molecular biology...through rapid product development and innovative commercialization strategies. We currently have opportunities for the following professionals in Analytical Research and Development:

**Research Associates**
Candidates for this position must have a BS/MS in Chemistry or related field with 2-5 years' experience in amino acid analysis and protein sequencing. Computer experience desirable. (Job Code OA-SC-JC-029)

Candidates for this position must have a BS/MS in Chemistry, Biochemistry or related field with experience in the characterization of peptides and proteins. Familiarity with general methods for the separation and analysis of proteins is necessary. Experience in computerized data analysis, HPLC, CD, Fluorescence and other spectroscopic methods is highly desirable. (Job Code OA-SC-JC-030)

**Postdoctoral Fellows**
Candidates must have a recent Ph.D. in Biochemistry, Protein Chemistry or related discipline with experience in analytical protein chemistry. (Job Code OA-SC-JC-031)

At Amgen, we provide our employees with the freedom to manage their projects, regulate the quality of work and make decisions to further company goals. We back this freedom with meaningful challenge and responsibility, as well as a compensation and benefits package that reflects the level of our commitment. If you're interested in one of these positions, please submit your resume or curriculum vitae, for confidential consideration, to: Amgen Inc., Staffing, Job Code (see above), Amgen Center, Thousand Oaks, CA 91320-1789.
POSTDOCTORAL POSITIONS

MOLECULAR BIOLOGY OF EPITHELIAL DIFFERENTIATION

Postdoctoral positions are available to study molecular regulation of cytoskeletal and cell surface molecules during epithelial differentiation, and the biochemical basis of monocytic-epithelial interactions involved in hair follicle stem cell activation. Background in molecular cloning and/or protein chemistry is required. Send curriculum vitae with names of three references to: Dr. Jerry Sun, Ph.D., Epithelial Biology Unit, Departments of Dermatology and Pharmacology, New York University Medical School, 550 First Avenue, New York, NY 10016. Telephone: (212) 263-5685, FAX: (212) 263-8561.

POSTDOCTORAL POSITION AVAILABLE FOR GENE THERAPY FOR LUNG CANCER

NIH-funded position is available immediately to develop gene therapy strategies for pulmonary malignancies. Successful candidates/diabetic group involved in Gene Therapy for Cancer within the Inter-ventional Genetics Program of the UAB Cancer Center. Support provided through NHLI-sponsored program in Basic Mechanisms of Lung Disease at the University of Alabama at Birmingham. U.S. citizens and permanent residents only with a recent Ph.D., M.D. or D.V.M. send: curriculum vitae with names of three references to: Dr. David T. Curiel, Director, Interventional Genetics Program, University of Alabama at Birmingham, G20 Wallace Tumor Institute, 1834 Sixth Avenue South, Birmingham, AL 35294-3300. An Equal Opportunity Employer.

POSTDOCTORAL POSITION

A POSTDOCTORAL POSITION is available immediately to study the regulation and function of UV-inducible genes in relevant cell systems, with particular attention to p53 and CDK4 activation. NIH-funded position is available immediately to develop gene therapy strategies for pulmonary malignancies. Successful candidates/diabetic group involved in Gene Therapy for Cancer within the Interventional Genetics Program of the UAB Cancer Center. Support provided through NHLI-sponsored program in Basic Mechanisms of Lung Disease at the University of Alabama at Birmingham. U.S. citizens and permanent residents only with a recent Ph.D., M.D. or D.V.M. send: curriculum vitae with names of three references to: Dr. David T. Curiel, Director, Interventional Genetics Program, University of Alabama at Birmingham, G20 Wallace Tumor Institute, 1834 Sixth Avenue South, Birmingham, AL 35294-3300. An Equal Opportunity Employer.

POSTDOCTORAL POSITION

A POSTDOCTORAL POSITION in MOLECULAR AND CELLULAR NEUROLOGY for studies concerning molecular mechanisms controlling expression of the basic fibroblast growth factor gene in neuronal and glial cells, and the function of BFGF in the development of the nervous system utilizing cell culture and transgenic animal models. Experience in recombinant DNA technology, gene transfection, DNA-protein interaction analysis, and/or DNA topology preferred. Send curriculum vitae and names of three references to: Dr. W. J. Bodek Ph.D., University of California, Box 0806, San Francisco, CA 94143. UCSF is an Equal Opportunity Employer.

POSTDOCTORAL POSITION

POSTDOCTORAL POSITIONS

MOLECULAR BIOCHEMISTRY/PHARMACOLOGY

Postdoctoral position available in pharmaceutical company to study neurosteroid interactions with GABAergic receptors. Experience in neurotransmitter pharmacology, molecular biology, or protein chemistry desired. Send curriculum vitae and names of three references to: Dr. Jon Hawkinsion, Biochemical Pharmacology, Co- Censa, Inc., 213 Technology Drive, Irvine, CA 92718.

POSTDOCTORAL POSITION

A one-year position is available to study the in vitro growth characteristics of Salmonella enterica serovar Typhimurium. Experience in neuroscience and immunology is preferred. Send curriculum vitae and names of three references to: Dr. W. J. Bodek Ph.D., University of California, Box 0806, San Francisco, CA 94143. UCSF is an Equal Opportunity Employer.

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POSTDOCTORAL POSITION

A one-year position is available to study the in vitro growth characteristics of Salmonella enterica serovar Typhimurium, a newly described retrovirus in the host. Experience in neuroscience and immunology is required. Send curriculum vitae and names of three references to: Dr. W. J. Bodek Ph.D., University of California, Box 0806, San Francisco, CA 94143. UCSF is an Equal Opportunity Employer.
**SENIOR SCIENTISTS**

**Allergy**

It takes a lot of money to fund significant work in Pharmaceutical R&D. At Schering-Plough, the commercial success we have achieved around the world, with a diverse line of both pharmaceuticals and health care products, enables us to spend over $500 million annually on R&D. And, allowed us to build a one million square foot drug discovery facility—the largest pharmaceutical research facility in the nation.

Success like this could mean an important opportunity for talented professionals. We are seeking two Senior Scientists to conduct in vivo studies for the investigation of cytokines and airway inflammation.

One position will focus on studies in non-human primates, and will involve correlating cellular infiltration into allergic airways with changes in airway reactivity. To qualify for this position, you must possess a PhD in Pulmonary Physiology (or related field), 0-2 years of postdoctoral training and experience measuring pulmonary function in non-rodent species. Please refer to Position DD93-10 on resume.

The second position will focus on the quantification of cellular infiltration and inflammatory damage in diseased airways, using computerized image analysis and immunocytochemical markers of cellular activation. For this position, you must have a PhD in Cell Biology (or related field) and 2 years of postdoctoral training; experience measuring morphometric changes in airways is desirable. Please refer to Position DD93-WAT.

We offer competitive compensation packages, and the resources you need for professional challenge and satisfaction. For confidential consideration, please send your resume, indicating salary history/requirements and the code for your position of interest, to: Ms. Kathy Bassinger, Human Resources, Schering-Plough Research Institute, 2015 Galloping Hill Road, Kenilworth, New Jersey 07033. We are an equal opportunity employer.

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**University of Minnesota**

**Institute of Human Genetics**

The Institute of Human Genetics, in collaboration with the Departments of Pediatrics and Cell Biology & Neuroanatomy, at the University of Minnesota is establishing a new Developmental Biology Research Group, to be headed by Dr. Christopher Wyllie. Two, of an eventual four, new tenure-track Assistant Professorships are now available to be filled.

All areas of research in eukaryotic developmental biology will be considered, but particular consideration will be given to those using molecular and/or genetic approaches to developmental problems. Candidates must have a doctoral degree (M.D., Ph.D., or their equivalents), at least two years of postdoctoral experience, and a proven record of high quality research (as shown by acceptance or publication of papers in quality, peer-reviewed journals). Candidates will be expected to develop a strong, independent research program, leading to external funding. The primary appointments will be in the Medical School department(s) most suited to the skills of the successful candidates. Strong emphasis will be placed upon the candidates' ability to interact with other members of the group, the Institute and Department, and the University community.

Teaching and advising will be done in the appropriate graduate program(s) and in the Department(s) in which the primary appointments are held. Successful candidates must provide verification of highest degrees, and be able to secure green cards, if not residents of the United States. Salary will be commensurate with education and experience.

Please send a curriculum vitae, a brief research statement, and three letters of recommendation to: Chair, Developmental Biology Search Committee, University of Minnesota, Institute of Human Genetics, Box 206 Mayo, 420 Delaware Street SE, Minneapolis, MN 55455-0392, U.S.A. The last date for receipt of applications is September 10, 1993.

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Candidates must have a qualified doctoral or medical degree, with at least two years of postdoctoral training and a demonstrated ability to develop strong research programmes. Applicants interested in basic research in molecular and cellular biology of lymphocyte regulation, immune recognition, neurobiology and related areas will be given priority. Successful candidates are eligible to apply for cross appointments at the Ontario Cancer Institute and appropriate academic departments at the University of Toronto.

The Canadian Immigration Department stipulates that Canadian residents will be considered in the first instance. However, all qualified professionals are urged to apply. Please send a current curriculum vitae, brief statement of future research interests and three letters of recommendation to: Amgen Institute, Attn: Professor T.W. Mak, Job Code OA-SC-DC-008, 500 Sherbourne Street, Toronto, Ontario, Canada M4X 1K9.

**The Amgen Institute**

(Toronto)

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Texas A&M University
Head, Department of Oceanography

Texas A&M University invites nominations and applications for the position of Head of the Department of Oceanography. This newly combined Department includes the former graduate-level Department of Oceanography on the College Station Campus and the undergraduate Department of Marine Sciences on the Galveston Campus. In the combined Department there are currently 41 tenure-track faculty positions, 141 undergraduate and 86 graduate students. The Department is a part of the College of Geosciences and Maritime Studies which includes 10 other degree-granting academic departments, several free-standing research programs including the Ocean Drilling Program (ODP), the Texas Institute of Oceanography (TIO), the US Office of the World Ocean Circulation Experiment (WOCE), the Geochemical and Environmental Research Group (GERG), the Texas Center for Climate Studies (TCCS) and the Sea Grant Program.

There are opportunities for cooperative efforts at any level with the Department of Meteorology and with the solid earth Departments and programs within the College as well as with programs in the Colleges of Science, Engineering, and Agriculture and Life Sciences.

We are searching for a senior level ocean scientist with academic and administrative experience. A demonstrated ability to manage complex interdisciplinary education and research programs is essential.

Nominations and applications should be sent to Dr. Earl R. Hoskins, Chairman of the Oceanography Department Head Search Committee, College of Geosciences and Maritime Studies, Texas A&M University, College Station, Texas 77843-3148. Applications should include a complete vita and the names and addresses of three references. Evaluation of applications will begin by 1 October 1993.

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SCIENTISTS

We are seeking scientists with Post Doctoral experience in human molecular genetics, molecular biology, cell biology, and related areas of research. Qualified applicants must possess a Ph.D. with demonstrated scientific creativity, initiative, and the ability to work independently. (JOB# SM-723-S)

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Post Doctoral research positions for recent Ph.D.s to conduct research in the areas of human genetics, cell biology, receptor-ligand interactions, molecular biology, and related areas. We are seeking individuals with demonstrated scientific creativity, independence, and initiative. Experience in molecular biology, biochemistry, cell biology and human and other eukaryotic genetics is required. (JOB# SM-723-PDR)

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We are seeking research associates with experience in human genetics, molecular biology, and cell biology to work within a highly interactive research team. Experience in a broad range of research and development techniques, and a minimum of two years lab experience in the areas of complex genome analysis, DNA sequencing, cell biology, tissue culture, and mammalian cell transfection is required. (JOB# SM-723-RA)

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VETERINARY PATHOLOGISTS

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Schering-Plough Research Institute offers a comprehensive compensation package that includes a salary commensurate with your experience and education, a generous benefits program and an attractive relocation policy. For confidential consideration, please send your curriculum vitae and salary requirements for your position of interest to: Mr. Robert Blackburn, Human Resources, Schering-Plough Research Institute, 2015 Galloping Hill Road, Kenilworth, New Jersey 07033. We are an equal opportunity employer.

VETERINARY CLINICAL PATHOLOGIST

Using your clinical pathology expertise, and as a member of the Pathology Department and Head of the Clinical Pathology Laboratory, you will have the opportunity to join a multi-disciplinary team of scientific professionals involved in the discovery and development of new therapeutic agents, with an emphasis on investigating mechanisms of toxicity of new pharmaceuticals. We look for demonstrated ability in clinical pathology, documented contribution to scientific literature, and experience participating in the design, conduct, and reporting of toxicity studies.

Schering-Plough Research Institute offers a comprehensive compensation package that includes a salary commensurate with your experience and education, a generous benefits program and an attractive relocation policy. For confidential consideration, please send your curriculum vitae and salary requirements for your position of interest to: Mr. Robert Blackburn, Human Resources, Schering-Plough Research Institute, 2015 Galloping Hill Road, Kenilworth, New Jersey 07033. We are an equal opportunity employer.

SENIOR RESEARCH PATHOLOGIST

We are seeking a Senior Research Pathologist to lead a team of professionals in conducting drug safety programs to support registration of our animal health products. You will be responsible for toxicology studies and integrating these results with information from drug metabolism and pharmacokinetics areas. While reporting to the Director, General Toxicology, you will serve as Study Director/Pathologist on large animal and food safety studies, and join drug development teams for both human and veterinary pharmaceuticals. Familiarity with governmental regulatory authorities is a decided asset; project management experience for studies conducted in contract laboratories would be a plus.

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Associate Research Scientist – Position GV-43-93-JRC

Requirements include a BS degree in Analytical, Organic or Pharmaceutical Chemistry with a minimum of 2 years industrial experience. Knowledge of trace analysis of organic molecules in biological matrices using HPLC and/or GC with UV or fluorescence and/or electro-chemical detection is preferred. Some experience with computer-based data analysis systems and knowledge of GLP regulations is helpful.

Research Scientist – Position GV-118-93-JRC

Requirements include a BS or MS degree in Analytical, Organic or Pharmaceutical Chemistry with a minimum of 3 years industrial experience which must include a strong background in trace analysis of organic molecules in biological matrices using HPLC and/or GC and/or fluorescence and/or electro-chemical detection. Experience with computer-based data analysis systems, report preparation and knowledge of GLP regulations required.

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The University of Chicago Faculty Position
Academic Chemical Pathologist

The Department of Pathology invites applications for a full-time faculty position in clinical chemistry at The University of Chicago. Initial appointments will be at the rank of Assistant Professor. Candidates should possess the M.D., Ph.D., or Ph.D. degrees and be Board-certified/Board-eligible by the American Board of Pathology or the American Board of Clinical Chemistry. Preference will be given to individuals with fellowship training or previous subspecialty experience in the area of chemical pathology/clinical chemistry. The successful applicant will have clinical and administrative responsibilities as an Assistant Director of Clinical Chemistry at our primary teaching affiliate, the 633-bed University of Chicago Hospitals. This large and expanding diagnostic laboratory service currently performs over 3.2 million adult and pediatric procedures/y. in the sections of general (automated) chemistry, special chemistry, toxicology, therapeutic drug monitoring, and radioimmunoassay/endocrinology. Qualified candidates must be committed to developing an independent program of basic or clinical investigative research, as evidenced by a record of scholarly publications, and will be expected to participate in the educational activities sponsored by the department, including training of residents, fellows, and medical students. Salary is competitive and an excellent benefits package is included. Research space and start-up support is also available. Submit your curriculum vitae with a cover letter describing your clinical and research interests to:

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Position available for molecular biologist to work on the role of hepatocyte growth factor/scatter factor and the c-met receptor in biological and pathological processes. Ph.D. in Biological Sciences with experience in molecular biology is required.

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TOXICOLOGIST

Commonwealth of Pennsylvania Department of Environmental Resources

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UNIVERSITY OF MIAMI DEPARTMENT OF PATHOLOGY

The Department of Pathology, University of Miami School of Medicine is seeking a FORENSIC PATHOLOGIST. Special consideration will be given to individuals with interest in teaching and/or research. Please send curriculum vitae and names of three references to: Dr. Ronald Wright, 5301 SW 31st Avenue, Fort Lauderdale, FL 33312. We are an Equal Opportunity Employer and we specifically invite applications from women and minorities.

MEETINGS

NASA NEUROLAB PREPROPOSAL MEETINGS

The NASA Neurolab Preproposal Meeting will be held on August 20, 2003, in Chicago, Illinois. The purpose of the preproposal meeting is to provide potential proposers an opportunity to discuss their proposed experiments and receive feedback from the Preproposal Meeting Panel. For more information, please contact NASA. We will be holding a series of preproposal meetings for around the world. For more information on the preproposal meetings or to receive an announcement of Opportunity, please visit our website at www.nasa.gov/neurolab. If you have any questions or comments, please contact us at 713-278-6101. We look forward to seeing you at the preproposal meeting.

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