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Author Index Volume 276
April–June 1996

A and B

Abbondanzo, Susan L. See Frankel, Sarah S.

Abernathy, Teresa. See Patron, Timothy E.
Ackerman, Eric. J. See Oda, Naoko.
Agur-Bryan, L. See Nichols, C. G.
Agus, N. A. See Halach, Kenneth M.
Ahlers, Guenter. See Dennin, Michael.
Ahmadi, T.; M.; Nuki, G.; Barlow, P. See Dowling, M. J.

Akihiko. See Henderson, I.
Akiyama, Hiroshi. See Tsukihara, Tominori.
Akram, Taraj M. See Sherman, David R.
Archibald, Simon. See fossil evidence for a late cretaceous origin of "hooved" mammals. p1150 24 May 1996.
Arkell, Richard J. See Kersting, Annie B.
Arias, Dulce M. See Riesenberg, Loren H.
Arteiro, Yoshio. See Suyehiro, Kiyoshi.
Arunawa, Mikio. See Qadota, Hiroshi.
Arnold, Steven F.; Klotz, Diane M.; Collins, Bridgette M.; Vonder, Peter M.; Guillells, Louis J., Jr. See McLaughlin, John A.; Synergistic activation of estrogen receptors by human environmental chemicals. p1489 7 June 1996.

Arihara, Hiroshi. See Tsukihara, Tominori.
Ariyoshi, Chihiro. See Suyehiro, Kiyoshi.
Aron, Michael. See Sjogren, Luann.
Arndt, Assad. See Asara, Asano. 
Arnold, Steven F.; Klotz, Diane M.; Collins, Bridgette M.; Vonder, Peter M.; Guillells, Louis J., Jr. See McLaughlin, John A.; Synergistic activation of estrogen receptors by human environmental chemicals. p1489 7 June 1996.
Arnold, Steven F.; Klotz, Diane M.; Collins, Bridgette M.; Vonder, Peter M.; Guillells, Louis J., Jr. See McLaughlin, John A.; Synergistic activation of estrogen receptors by human environmental chemicals. p1489 7 June 1996.

Ariyoshi, Yoshio. See Suyehiro, Kiyoshi.
Arunawa, Mikio. See Qadota, Hiroshi.
Arunawa, Mikio. See Qadota, Hiroshi.
Arunawa, Mikio. See Qadota, Hiroshi.
S.: Correlates of protective viruses damaging to HIV infection (technical comment). p136 21 May 1996.
He, Yong; Yee, Koh, Jae-Young.
Heal, Joanna M. See Blumberg, Neil.
Health, William F. See Haidasz.
Hegg, M. I. See Eggen, B. R.
Heln, Michael; Ounadjela, Kamel; Buckel, Jean-Pierre; Rousseau, Dominique; Daut, Bertrand: Bernard; Captellan, Claude: Nanoscale magnetic domains in mesoporous magnets. p1782 21 June 1996.
Henderson, A. See Roosevelt, A. C.
Henderson, Jason I. See Andrews, Ronald P.
Hendrickson, Wayne A. See Fremont, D. H. See also Zuo, Xiaotian.
Hengartner, Hans See Zinkernagel, Rolf M.
Henglein, Anima. See Ahnadi, Termer S.
Hersch, Takao K. and Stryker, Michael P.: Ocular dominant pattern formation under merocyanine glutamate receptor blockade. p554 26 April 1996.
Hettiger-Augu, Francois. See Augu, Marc.
Hernandez, Bruce E. See Orton, G.
Herschlag, Daniel. See Shin, Shou-ou.
Hickey, Mark J. See Sherman, David R.
Higgs, S. See Obon, K.
Hill, F. See twins, S. Dalsgaard, J. See also Gough, D. O. See also Harvey, J. W. See also Hathaway, D. H. See also Thompson, M. J.
Huyzen, Martin J. and Neumann, Avidan U.: Rate of killing of HIV-infected T cells and disease progression (technical comment). p1562 28 June 1996.
I and J.
Jarchene, M. See Sereno, Paul C.
Ichikawa, Michinori. See Iijima, Toshiro.
Iglesias, C. A.; Jarchene, M. See Iijima, Toshiro; Wettendorf, M.; Ichikawa, Michinori; Tominaga, Takashi; Kajiwara, Ricchi; Matsumoto, Gen; Entorhinal-cingulocalcaneal interactions revealed by real-time fMRI. p1627 24 May 1996.
Inagaki, Mitsuo. See Todo, Takeshi.
O and P

Nowak, Nishimoto, Neumann, Nelson, Nair, Nehrbass, Nakashima, Ryosuke, Nehls, Michael; Kyewski, Murphey-Corb, Michael. See Baba, Murphy, F. S.; expands scientists meet unveils test. George R.; tion p816 23 May 1996.


Schmalenese, R. See Arrow, K. J. See also Arrow, Ken- neth J.


Schneeweis, J. C. See Geisser-Lowrance, Anja A.

Schroeder, Frederick J. See Geisser-Lowrance, Anja A.

Schroder, Michael J. See Taunton, Jack.

Schrijver, A. See Fang, Y. M. See also Alivisatos, Alivin W.

Schubert, G. E. See Anderson, J. D. See also Alivisatos, Alivin W.

Schneider, Wolfgang. See Geisser-Lowrance, Anja A.

Schneider, Andrea E. See Neumait, Oto. Un- certain causes are caused by aerosols (per- spective). p1211 24 May 1996.

Schneider, Andrea E. and Neumait, Oto. Un- certain causes are caused by aerosols (per- spective). p1211 24 May 1996.


Yanamandra-Fisher, P. See Orton, G.

Yan, Qing. See Huang, D.

Yanagisawa, A. See Norgaard, K.

Yamada, H. See Higuchi, T.

Yamamoto, M. See Okumura, Y.

Yamamoto, T. See Kudo, T.

Yamashita, K. See Noguchi, N.

Yang, Hui. See Tsuchiya, T.

Yang, S. See Oh, H.

Yang, S.J. See Hu, Y.

Yang, S.J. See Kim, J.

Yang, X. See Liu, Y.

Yang, X. See Song, B.

Yang, Y. See Li, X.

Yamamoto, M. See Okumura, Y.

Yamamoto, T. See Kudo, T.

Yamashita, K. See Noguchi, N.

Yamamoto, M. See Okumura, Y.

Yamamoto, T. See Kudo, T.

Yamamoto, T. See Kudo, T.

Yamashita, K. See Noguchi, N.

Yamamoto, M. See Okumura, Y.

Yamamoto, T. See Kudo, T.

Yamashita, K. See Noguchi, N.

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Yamashita, K. See Noguchi, N.

Yamamoto, M. See Okumura, Y.

Yamamoto, T. See Kudo, T.

Yamashita, K. See Noguchi, N.

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Yamamoto, T. See Kudo, T.
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In this newly created role, you will direct the development, validation, and implementation of viral testing procedures, both internally and at contract laboratories. Initially, you will manage the contract testing, liaise with Regulatory agencies and other biotech companies on improving viral testing and prevention, and eventually build an internal group to conduct this testing. Also, you will assist with creating and optimizing assay specific cell lines for potency and pharmacokinetic assays. We seek a Ph.D. in Virolology or Cell Biology with at least 5 years’ postdoctoral experience with viral assays, transfections, PCR and cell line optimization. Additionally, industry experience with knowledge of cGMP’s and regulatory agencies preferred. The successful candidate will be able to work with minimal supervision, possess strong communication skills and be willing to travel when necessary.

**Bioassay Scientist**

The initial focus of this new position will be to apply new technologies in the development of improved assays for current and future products. You will be responsible for the development and validation of immunoassays, bioassay and biochemical assays for use in the testing, release, stability, process development, pre-clinical, toxicology and clinical samples. The position requires a Ph.D. in Cell Biology or Immunology with at least 3 years’ postdoctoral experience in the development of immunological and biological assays. Experience working with signal transduction pathways and reporter gene assays is strongly desired. Strong communication and record keeping skills as well as industry and cGMP experience preferred.

**Process Scientist - Biophysical Protein Chemistry**

We currently seek a highly motivated Scientist to develop new therapeutic protein formulations. Requirements include a Ph.D. in an appropriate specialty and publications covering some aspect of biophysical protein chemistry (e.g., spectroscopic, thermal or hydrodynamic analytical methods.) Ideally, you will have protein formulation and lyophilization cycle development experience. Additional desirable experience includes performing technology transfer of processes to an aseptic filling environment operating under cGMP, use of statistical experimental design, and application of separation methods to study protein decomposition products. Excellent written and communication skills are required. Qualified candidates will possess a Ph.D. in Chemistry/Biochemistry. Post-doctoral research is desirable.

Biogen offers what few companies in our industry can—Professional Challenge, Stability, Growth, and one of the strongest financial profiles in the industry. In addition, our compensation and benefits package, including equity participation, is one of the best in the industry, and is designed to attract and retain the finest talent available. If you are one of the best, this is your opportunity to join our expanding universe. Please forward your resume to:

Dept. D/P/S, Biogen, Inc., 14 Cambridge Center, Cambridge, MA 02142. FAX: (617) 679-2546

Biogen is an Equal Opportunity Employer.

http://www.careermosaic.com/cn/biogen
The Division of Cardiovascular Diseases of the Mayo Clinic and Foundation invites applications for an established investigator position at the rank of Associate or full Professor. Applicants should have an M.D. or Ph.D. degree and an established record of accomplishment in basic cardiovascular research such as in molecular or cellular biology which focuses upon endothelial, vascular smooth muscle or cardiac myocyte biology. Excellent institutional resources and long-term support are available. Written applications including CV, three letters of recommendation and a description of research interests should be sent to: John C. Burnett, Jr., M.D., Cardiovascular Chair for Research, Director, NIH Cardiovascular Research Training Program, Mayo Clinic, 200 First Street, SW, Rochester, MN 55905. Applications will be considered until September 1, 1996. Mayo Foundation is an affirmative action and equal opportunity educator and employer.

Molecular Tool, a GeneScreen company, is a recognized leader in the development and commercialization of highly integrated genetic analysis technologies. The company has the following openings for highly-motivated, team-oriented scientists.

Group Leader-Core Technology—Candidates must have a Ph.D. in biochemistry or molecular biology and 1-3 years of industrial experience in managing an interdisciplinary team of Ph.D. and M.S. level scientists. The group will focus on development of innovative biochemical approaches to genetic analysis to support the industry-leading genetic testing services offered by GeneScreen and new product applications.

Biochemist/Molecular Biologist—Molecular Tool also has an exciting opportunity for a Ph.D. biochemist with 0-2 years of postdoctoral training to join its technology development group. Candidates must have a Ph.D. in biochemistry or a related field and experience in nucleic acid biochemistry and enzymology. Postdoctoral research experience in molecular genetics is a plus. The selected candidate will work with a multidisciplinary team on the development and implementation of DNA diagnostic products.

Situated on the Johns Hopkins Bayview Campus in Baltimore, Maryland, Molecular Tool provides a stimulating scientific environment which encourages individual initiative and creative thinking, coupled with a competitive salary and benefits package. Interested candidates should send a resume and salary history, together with the names of three professional references, to: Human Resources, Molecular Tool, Inc., Alpha Center, 5210 Eastern Avenue, Baltimore, MD 21224. NO PHONE CALLS PLEASE.

**EPIDEMIOLOGIST**
(Virology)
World Health Organization
Geneva, Switzerland

The National Center for Infectious Diseases (NCID), Centers for Disease Control and Prevention (CDC), is seeking qualified applicants for a Virologist position (GS-601-15) for assignment to the World Health Organization (WHO). The incumbent will serve as a principal scientific and technical advisor to the Director, NCID, and will work under the Director, Division of Emerging and other Communicable Diseases Surveillance and Control, WHO. Responsibilities will include the development and implementation of global surveillance, investigational, and prevention and control activities related to emerging and re-emerging viral diseases, including arbovirus diseases and viral hemorrhagic fevers.

Qualifications require significant experience in viral diseases and the ability to plan, implement, and manage infectious disease programs. Doctoral degree preferred.

Salary range, GS-15, is $69,300 to $90,090. Additional benefits include quarters/housing allowance, educational expenses, and cost-of-living allowance.

Interested candidates may send their curriculum vitae in confidence along with the names of three professional references postmarked no later than 7/30/96, to Janie L. Oddy, Human Resources Management Office, Centers for Disease Control and Prevention (K15), 4770 Buford Highway, Atlanta, GA 30341-3724. EOE.

**Molecular Tool, Inc.**

Myles H. Thaler Center for AIDS and Human Retrovirus Research

_University of Virginia_

**Faculty Position**

A tenure track position at the Assistant or Associate Professor level is available for a physician-scientist with expertise in any area of HIV or AIDS-related research. The appointment will be jointly made by the Center and an appropriate medical school department. The successful applicant will be expected to devote at least 80% effort to laboratory research and establish a strong independent research program that is complementary to other programs in the Center. Applicants should have an M.D. with additional clinical training and significant postdoctoral research experience. A competitive startup package with newly renovated laboratory space and strong support facilities will be available.

**Postdoctoral Research Associate Positions**

The Center has several positions available for research in the laboratories of Dr. David Camerini, Dr. Marie-Louise Hammarskjöld, or Dr. David Rekosh. Current research projects include studies on: (1) HIV pathogenesis in the SCID-hu mouse; (2) Gene therapy approaches for the treatment of HIV infection; (3) RNA transport mediated by the HIV-1 Rev protein and CTE's from simpler retroviruses; (4) The development of HIV as a vector for gene delivery; (5) HIV assembly and RNA packaging; (6) The role of co-receptors ( fusins) in HIV entry and pathogenesis; (7) Mechanisms underlying HTLV-I mediated disease.

Applicants should apply to the appropriate search by submitting a curriculum vitae, a brief statement of research interests, and the names of three references to: Faculty or Research Associate Search, c/o Dr. David Rekosh, Thaler Research Center, Health Sciences Center Box 441, The University of Virginia, Charlottesville, VA 22908.

We strongly encourage applications from women and minority groups. The University of Virginia is an Affirmative Action/Equal Opportunity Employer.
CELLULAR & MOLECULAR CANCER RESEARCH

The College of Medicine and the H. Lee Moffitt Cancer Center & Research Institute at the University of South Florida are seeking applications from Assistant, Associate and Full Professor level individuals to participate in the Cancer Center Research Programs under a stimulating academic environment that includes excellent laboratory and clinical facilities. Applicants must have a demonstrated track record in cancer research preferably related to one or more of the Cancer Center’s established programs. Research programs include:

- Immunology
- Cancer Genetics
- Molecular Oncology
- Cancer Cell Biology

Successful individuals must hold an M.D. or Ph.D. degree with a minimum of 2 years post-doctoral training. Individuals at the rank of Associate Professor must have a demonstrated potential for extramural funding. Individuals for Full Professor must have a proven track record of independent research, leadership ability and training experience as evidenced by publications and extramural funding. Academic rank and salary will be commensurate with experience and qualifications. These positions will be assigned to specific, mutually agreed upon department within the College of Medicine with the possibility of tenure.

Send current curriculum vitae and a brief statement of major academic interests to W.J. Pledger, Ph.D., Associate Center Director for Basic Research, Moffitt Cancer Center, 12902 Magnolia Drive, Tampa, Florida 33612. Applications must be postmarked by deadline of September 6, 1996.

The H. Lee Moffitt Cancer Center & Research Institute is a free-standing Cancer Center located adjacent to the Health Sciences Center on the Tampa campus of the University of South Florida. In addition to a 162-bed full service cancer treatment facility, the Center has research laboratory space in four buildings including over 50,000 square feet of dedicated laboratory and support space in a new Cancer Research Center.

H. LEE MOFFITT CANCER CENTER & RESEARCH INSTITUTE
University of South Florida College of Medicine
RESEARCH IMMUNOLOGIST

The Division of Infectious Diseases, Department of Medicine, and the Department of Microbiology and Immunology at the University of Kentucky School of Medicine invites applications for a tenure-track ASSOCIATE or ASSOCIATE PROFESSOR position at the ASSISTANT or ASSOCIATE PROFESSOR level with emphasis on the study of murine lung immune responses to infectious diseases. A Ph.D. or equivalent and a doctoral research program with a thesis is required, demonstrating expertise in cellular, molecular, and/or virology-related research. The successful applicant will be responsible for developing an independent research program in conjunction with the director of the School's doctoral programs and collaborating with other faculty and trainees. Ability to generate an independently funded research program is desired. Applicants should submit a curriculum vitae, summary of research accomplishments, and three references to: Division of Infectious Diseases, Room K524, Kentucky Clinic, University of Kentucky Medical Center, Lexington, KY 40536-0284. Applications will be accepted until July 1, 1996.

ASSISTANT PROFESSOR—Maize Genetics and Breeding, tenure-track, research and teaching. Department of Agronomy, Purdue University. Individual will be expected to establish productive interactions with industry, develop a strong student research record, and provide graduate research and teaching support in molecular genetics, with an emphasis in maize genetics. The successful candidate will begin in August 1996. Send letter of application and supporting materials by July 20, 1996. Applications accepted until position is filled. Dr. W. B. Feely, Head, Department of Agronomy, 1150 Lilly Hall, Purdue University, West Lafayette, IN 47907-1150. Telephone: 317-494-4774; FAX: 317-496-2926. An Affirmative Action/Equal Opportunity Employer. Women and minorities are encouraged to apply.

SENIOR RESEARCH TECHNICIAN

Requires extensive experience in molecular biology including sequence analysis, cloning, mutagenesis, DNA sequencing, PCR, and protein expression and purification. Previous experience working with HIV desired. Team player. Please send curriculum vitae to: Beatrice Halin, M.D., University of Alabama at Birmingham, 701 South 19th Street, 631 LTHB, Birmingham, AL 35294.

BIOLOGY

Instruction to include teaching anatomy and physiology to beginning nurses and biology majors. Doctorate required. Candidate will sign an evangelical statement of faith in the Wesleyan tradition. Send dossier to: Dr. Paul D. Collord, Vice President for Academic Affairs, Indiana Wesleyan University, 4201 South Washington Street, Marion, IN 46953. Email: pcollord@indwes.edu.

POSITIONS OPEN

TENURE-TRACK FACULTY POSITION

CELL BIOLOGY AND BIOPHYSICS

The School of Biological Sciences of the University of Missouri-Kansas City (UMKC) invites applications for a tenure-track ASSOCIATE or ASSOCIATE PROFESSOR in the Division of Cell Biology and Biophysics. Consideration will be given to applicants with backgrounds in molecular, cellular, developmental, or genetic approaches to eukaryotic or prokaryotic problems and compatible with the School's research focus on molecular and cellular behavior. We are seeking an outstanding individual with at least two years of postdoctoral training demonstrated potential to establish independent, extra- murally funded research programs, and exemplary communication and supervisory skills. Teaching activities will include participation in the School's undergraduate, biological sciences undergraduate curriculum, and/or health science-related courses. Competitive salaries, newly renovated research space, start-up funds, and excellent research core facilities are available. Review of applications will begin October 15, 1996, and continue until the position is filled. Submit curriculum vitae with summary of present and future research interests, and request that three letters of recommendation be forwarded to: CBHR Search Committee, School of Biological Sciences, 4380-403, 5007 Rockhill Road, University of Missouri, Kansas City, MO 64110-2499.

POSITIONS OPEN

CHAIRPERSON

Department of Pharmacology

Department of Anatomy

Ponce School of Medicine

Applications are invited for two positions: Professor and Chair of the Department of Pharmacology, and Professor and Chair of the Department of Anatomy, at the Ponce School of Medicine. Applications are available from the Dean, Committee on Appointments, Ponce School of Medicine, P.O. Box 7004, Ponce, PR 00732. The Ponce School of Medicine is an Equal Opportunity/Affirmative Action Employer.

NATIONAL INSTITUTES OF HEALTH (NIH)

National Institute on Alcohol Abuse and Alcoholism (NIAAA)

the Office of Alternative Medicine (OAM)

Bethesda, Maryland

The NIAAA and OAM invite motivated and qualified researchers to apply for a unique three-year RESEARCH FELLOWSHIP. Research protocols will examine the efficacy of acupuncture and alternative medicine techniques on alcohol relapse utilizing state-of-the-art neurochemical and neuroimaging techniques. Training in acupuncture and neuroimaging techniques and core course curriculum provided by both the Clinical Center at the NIH and the OAM will complement the rich intellectual environment of the NIH. The Board-certified/Board-eligible applicant must have completed an accredited residency program and must be licensed to practice medicine. Applicants should send a letter of interest, curriculum vitae, and three letters of recommendation to: Markku V. Linnoila, M.D., Ph.D., Scientific Director, National Institute on Alcohol Abuse and Alcoholism, Building 10, Room 3C103, 10 Center Drive MSC 4061, Bethesda, MD 20892-1256. Information call Joseph R. Hiebelsn, M.D., Chief, Outpatient Clinic, NIAAA, Telephone: 301-443-2716; Email: JHIEBELS@DICB.R.NIAAA.GOV

Deadline for receipt of applications is August 1, 1996. NIAAA is an Equal Opportunity Employer.

RESEARCH POSITIONS

Molecular Neurology/Drug Abuse

Fellow and Senior Fellow positions are available to pursue the molecular neurobiology of drug abuse. Candidates should have expertise in molecular biology and/or molecular genetics, with preference given to experience in neuropharmacology. Ongoing projects in our laboratory include the development of transgenic mice with cellular and molecular fingerprints of addiction. Candidates will have opportunities to participate in the development of transgenic mice with receptors for abused drugs and genes important for interindividual differences in response to alcohol and other abused drugs. Candidates must have an interest in glial cells, synaptic plasticity, and signal transduction. Applications should include curriculum vitae, a statement of research interests and goals not exceeding two pages, and three letters of recommendation to: Dr. G. R. Uh1, M.D., Ph.D., Molecular Neurology, NIDA/NIAA, P.O. Box 5180, Baltimore, MD 21224-5180. Competitive salary levels with full benefits. An Equal Opportunity/Employee. Candidates must be U.S. citizens or permanent residents.

Marine Science/Management: ASSOCIATE DIRECTOR, MS-AL. Sea Grant Consortium, Ocean Springs, Mississippi. Duties: Principal Deputy to Executive Director; long-range planning; development and monitoring of university cooperative extension programs; outreach, education, advisory service program. Qualifications: strong background and experience in a biological discipline appropriate for Sea Grant; earned doctorate or other advanced degree in marine science or related discipline; experience in salary commensurate with qualifications. Position available September 1, 1996. For position announcement/application contact: Personnel Office, Gulf Coast Research Laboratory, P.O. Box 7000, Ocean Springs, MS 39566-7000. Affirmative Action/Equal Opportunity/ American Disabilities Act Institution.

MOSQUITO BIOLOGIST

(Mosquito Biology/Medical Entomology)

University of California-Davis

The Department of Entomology invites applications for an 11-month TENURE-TRACK position at the UC Mosquito Control Research Laboratory at the Kearney Agricultural Center. Appointment will be at the Assistant Entomologist level (100% research) in the Agricultural Experiment Station. Ph.D. degree in biological science with training in science and experience appropriate to development of a comprehensive research program in a field relevant to the biology and control of mosquitoes. A background in mosquito biology. An equal opportunity education and research institution. Salary is negotiable. The position available January 1, 1997. Send letter of application, brief statement of research goals and career goals, curriculum vitae, transcripts, reprints, and names and addresses of three references to: Chairperson, UC Mosquito Control Research Laboratory, UC Davis, CA 95616-8584. Open until filled but to ensure consideration applications should be submitted by August 1996. The University of California-Davis is an Equal Opportunity/Affirmative Action Employer.

Two POSTDOCTORAL POSITIONS are available for NCI/NIH-funded projects. One project involves hormonal regulation of cell cycle arrest and signal transduction. Another is centered on the molecular basis of drug-induced apoptosis. A Ph.D. or M.D. degree and research experience in the area of cell biology are required for both positions. Competitive salary, benefits, and research environment. Send curriculum vitae, a statement of research interests and experiences, and two letters of reference to: Dr. Wei-Min Fan, Department of Molecular Immunology and Laboratory Medicine, Medical University of South Carolina, 171 Ashley Avenue, Charleston, SC 29425. FAX: 803-792-4157; Email: fanw@musc.edu. Equal Opportunity Employer.

POSTDOCTORAL POSITION

Antibody Display Libraries

Available July 1, 1996 to qualified applicant with Ph.D. degree (or equivalent). Must be familiar with the construction, evaluation, and screening of phage display libraries. Anticipated projects include construction and screening of antibody display libraries from lymphocytes of young and elderly donors to identify novel receptors and antibodies for analysis of anti-DNA specificity. Interest in further molecular and structural characterization desirable. Please send curriculum vitae and three letters of recommendation to: Dr. D. R. Radiceli, Immunology, Allegheny University, 2900 Queen Lane, Philadelphia, PA 19129. Email: radic@medulca.edu.

ENHANCED POSTDOCTORAL POSITION

Opportunity for Ph.D. with proven experience in molecular biology and production of transgenic mice to join extremely well-funded group investigating the molecular basis of cardiomyopathy signal transduction using transgenesis. Position provides a dedicated full-time technician and an excellent transgenic/knockout facility that caters to cutting edge investigators. Applicants must be skilled in setting up injections, clippers, animal care, etc. Excellent salary and benefits. Position available immediately. Send curriculum vitae and three letters of recommendation to: Dr. Stephen B. Liggett, University of California Medical Center, 231 Bethesda Avenue, Room 7511 MSB, Cincinnati, OH 45267-0564.

POSTDOCTORAL POSITION available to investigate the mechanisms that contribute to pathological alterations of the cytoskeleton during apoptosis and in response to cellular stress. This position offers opportunities for research in an established, well-equipped lab that studies neurodegenerative processes related to Alzheimer's disease at one of the top 20 NIH-funded research centers. The research area is in biochemistry, cell biology and molecular biology is essential; cell biology experience desirable. Send curriculum vitae and the names of three references to: Dr. Gail W. Johnson, SC 1061, University of Alabama at Birmingham, School of Medicine, Birmingham, AL 35294-0017. Email: neurol212@uabdo.pdo.uab.edu.
NIH
Unlimited Research Opportunities
(We will even repay your student loans.)

Almost 15% of the NIH’s current $1 billion HIV/AIDS budget is devoted to HIV/AIDS research conducted at its 306 acre campus in Bethesda, Maryland. Located close to the center of Washington, DC, the NIH employs nearly 4,000 doctoral level scientists. The NIH is home to the Warren Grant Magnuson Clinical Center, the world’s largest biomedical research hospital and ambulatory care facility.

A variety of opportunities exist for experienced biomedical researchers as well as for trainees who are interested in joining the NIH AIDS research team. The current NIH AIDS effort encompasses work on the etiological agent, pathogenesis, therapeutics, vaccine development, behavioral intervention, and the epidemiology and natural history of HIV infection.

Accredited training programs, with HIV/AIDS relevancy, are available in the following areas, and just a two year employment commitment may qualify you for the Loan Repayment Program for AIDS Research (LRP).

- Allergy and Immunology
- Anatomic Pathology
- Clinical and Laboratory Immunology
- Critical Care Medicine
- Cytopathology
- Dermatology (PGY-3 and above)
- Gastroenterology
- Hematology
- Infectious Diseases
- Internal Medicine (PGY3)
- Medical Oncology
- Oral Medicine
- Pediatric Hematology/Oncology
- Psychiatry (PGY-4 and above)
- Radiation Oncology
- Transfusion Medicine/Blood Banking

The LRP provides a maximum of $20,000 per year repaid to your educational lenders as well as reimbursement for Federal, State and local tax liabilities. LRP benefits are in addition to attractive Federal salaries. Our ability to make accelerated repayments has enabled us to reduce significantly the educational debt burden of our participants and prevented the accrual of large amounts of interest, allowing them to pursue biomedical research careers.

To obtain the Applicant Information Bulletin, call the 24-hour LRP InfoLine at 1-800-528-7689 (TTY: 1-888-352-3001). To learn more about the LRP, stop by the NIH Office of AIDS Research booth at the XI International Conference on AIDS. For information on additional Loan Repayment Programs and NIH Research and Training Opportunities, visit our new website at http://helix.nih.gov:8001/oe
A position is available in the Developmental and Metabolic Neurology Branch, NINDS, NIH. The position is specifically targeted to the study of the molecular and cellular characterization of Niemann-Pick C disease. This mutation affects normal biological translocation of endocytosed LDL cholesterol and provides a pivotal key to our understanding of the mechanisms governing intracellular cholesterol trafficking and processing. Candidate's work will be in concert with a team of neurologists, neuropathologists, cytologists, molecular biologists and cellular biologists with an active and productive interest in this field. Numerous resources including animal models of NP-C, a large bank of human NP-C cell lines, drugs for reverse trafficking, and candidate genes and proteins thought to be involved in the transport will be available for these studies.

Qualifications include a Ph.D. or M.D., less than five years of postdoctoral experience with a strong emphasis in cell biology and a productive research record. Qualified applicants should send curriculum vitae and 3 references to:

Dr. Peter G. Pentchev
Building 10, Room 3D-04
DMNB, NINDS
9000 Rockville Pike
Bethesda, MD 20892
Tel: (301) 496-3285
Fax: (301) 496-9480
E-mail pentchev@codon.nih.gov

NIH is an Equal Opportunity Employer

Postdoctoral Positions in Molecular and Cellular Biology

Postdoctoral positions are immediately available for highly motivated scientists with Ph.D. in molecular biology/biochemistry to study the molecular mechanism by which retinoids regulate epidermal cell growth, differentiation, and apoptosis. The positions require demonstrated research excellence and strong communication skills. Applicants with extensive experiences in in situ hybridization, immunohistochemistry, and flow cytometry will be preferred. Preference will also be given to those who can join us prior to September 1, 1996.

Candidates are expected to use transgenic and/or knockout mouse models to study retinoid signaling in skin and identify retinoid-targeted genes. Experiments will involve Southern/Northern/Western blotting, gel electrophoretic mobility supershifts, PCR-based technology, in situ hybridization and immunostaining, histological analysis, and flow cytometry.

In the fall of 1996, our retinoid research group will be relocated to totally reconstructed and modernized laboratories next to the state-of-the-art Biomedical and Transgenic Animal Core Facilities of the University of Michigan Medical School. These positions offer competitive salary based on qualifications and experience of the candidates and provide long-term stable research funding and excellent opportunities for career development. Applicants should send CV to: Dr. Jia-Hao Xiao, Department of Dermatology, University of Michigan, 1301 E. Catherine, Kresge I Building, Room 6538, Ann Arbor, MI 48109-6528. Tel: (313) 936-1910. Fax: (313) 747-0076.

Moving forward. With a new manufacturing facility, expanding global markets, and constant scientific innovation, Genzyme has become a major, diversified healthcare products company. Making progress. Our people are enthusiastic and focused, achieving success in the areas of therapeutics, diagnostic products and services, as well as pharmaceuticals and fine chemicals. Looking ahead. Many words can describe a goal, an achievement, or even an opportunity. But only one word can describe an opportunity like this. Genzyme.

RESEARCH SCIENTIST - Pharmacokinetics/Toxicology
Framingham, Massachusetts
Design, perform (or monitor), analyze, and report preclinical pharmacokinetic and safety studies in support of IND, NDA and MAA submissions.

Ideal candidate holds a Ph.D. in Toxicology, Pharmacology (with an emphasis on pharmacokinetics), or related science and at least 3 years' postdoctoral experience, preferably in industry. Must have hands-on experience performing pharmacokinetic and acute and subacute safety studies. Experience working with recombinant proteins is a plus. Individual must possess strong organizational, interpersonal, communications, and computer skills.

PRINCIPAL SCIENTIST/ASSOCIATE DIRECTOR - Pharmacology
Cambridge, Massachusetts
Develop protocols and manage toxicology and PK/Bioavailability and efficacy studies for final dosage form programs. Conduct pilot studies at Genzyme to support pivotal GCP studies at contract facilities. Assist in evaluating licensing opportunities and new discovery targets.

Requires Ph.D. or DVM with 5-10 years' experience in pharmacology within the pharmaceutical industry. Experience in toxicology, PK/Bioavailability studies and drug metabolism. Therapeutic background in immunomodulation, inflammation or cancer preferred.

Qualified candidates should forward their resume to: Genzyme Corporation, Human Resources Dept., Code: Pharm, One Kendall Square, Cambridge, MA 02139 or fax directly to our scanner (without a cover sheet) (617) 574-7427.

Genzyme uses optical scanning technology for its resume tracking system. Please use a 12 point font with minimal use of bullets, italics, underlining and bolding.

Genzyme rewards success with an excellent compensation and benefits package, including 3 weeks' paid vacation, a 401(k) plan with a company match, extensive insurance benefits and an Employee Stock Purchase Plan. An equal opportunity employer committed to a culturally diverse workforce.

ADVANCED HEALTHCARE PRODUCTS AND SERVICES WORLDWIDE

Since opening our doors back in 1980, Genetics Institute has discovered a prodigious number of novel regulatory proteins. To date, nine of these have advanced to human clinical evaluation or commercialization, and the outlook for continued innovation is unprecedented. Our success as one of the largest biotechnology employers in Massachusetts has been fueled by our collaborative work environment focused on the future. This culture attracts and inspires some of the brightest minds whose ideas sustain us as a leader in the industry. Join us in making even more advancements that improve quality of life for all of us:

DOCTOR OF VETERINARY MEDICINE

We are seeking a Doctor of Veterinary Medicine, preferably with ACLAM board certification, to develop in vivo models for the assessment of early candidate protein pharmaceuticals and to lend support for later stage development projects. Responsibilities include managing an in vivo research services group, providing technical assistance for a variety of studies, and supporting several aspects of the animal care and use program. This involves planning, training, and coordinating staff to properly conduct studies, as well as providing training for in vivo and anatomic techniques and surgical procedures. Qualified candidates must possess a minimum of 2-5 years of postgraduate training in research using animal models of disease. Experience in developing suitable in vivo models needed for the evaluation of early candidate pharmaceutical agents is essential.

Genetics Institute offers competitive salaries and benefits, including comprehensive health care, dental and life insurance, three weeks' paid vacation, 401(k) stock purchase plan, relocation assistance, and an on-site exercise facility.

For consideration, please send or fax resume, suitable for scanning into our database, to: Human Resources Department, Genetics Institute, Inc., 87 CambridgePark Drive, Cambridge, MA 02140. Fax: (617) 876-8847. Genetics Institute is dedicated to building strength through diversity.
POSTDOCTORAL RESEARCH ASSOCIATE
CROP PROTECTION - PLANT PATHOLOGY (Job #CP-601)

The purpose of this position is to pursue basic research in crop protection. This position will involve disease resistance and molecular mechanisms of disease resistance in crops. The ideal candidate will have a Ph.D. in a relevant discipline, and familiarity with molecular biology methods including PCR, Southern blots, gene cloning, and vector construction is required. Experience in molecular biology, plant pathology, or genetics of host-pathogen interactions is an asset.

We offer competitive salaries and excellent, comprehensive benefits such as FICA, tuition and relocation reimbursement. Des Moines is a charming city that ranks well above the national averages in affordability and education. Our location provides a mix of urban open spaces and city life advantages. For confidential consideration, please send a CV and cover letter, indicating job number, and salary expectations by July 12, 1996 to: Pioneer Hi-Bred International, Inc., Attn: PERSONNEL (Job #CP-601), P.O. Box 1004, Johnston, IA 50131-1004.

Pioneer Hi-Bred International, Inc., is the world leader in agricultural genetics. Founded in 1926, we are a publicly held company that invests more than $115 million in research and product development. Pioneer brand products are grown in almost every crop producing continent in the world. At our headquarters in Des Moines, Iowa, we're adding to our Research team.

SCIENTIST

Ribozyme Pharmaceuticals, Inc., a leader in the development of ribozyme-based products for pharmaceutical and agricultural applications, is seeking an experienced Scientist to join our Cell Biology Group at our state-of-the-art facility in Boulder, Colorado.

SCIENTIST

A versatile and creative Scientist is sought to assist in our program of developing novel therapeutics for cancer, cardiovascular and inflammatory diseases. Applicants must have a Ph.D. and 3-5 years' postgraduate experience in the area of cell culture and/or organ culture assays. Experience in developing biological assays in the area of cell proliferation, differentiation and/or tumorigenesis is desirable. This position requires strong communications skills and an ability to interact with an interdisciplinary team.

We offer a competitive salary and benefits package, including a stock option plan. For consideration, please send a Curriculum Vitae along with the names of three references to: Ribozyme Pharmaceuticals, Inc., 2950 Wilderness Place, Boulder, CO 80301; FAX: (303) 449-6995; e-mail: jobs@rpi.com. No phone calls accepted. We are an equal opportunity employer.
BIOTECHNOLOGY
Challenging infectious and cardiovascular diseases, allergies, cancer and central nervous system disorders...

That's Schering-Plough
From molecules to medicines, At Schering-Plough, scientists are discovering and developing the novel therapeutics that challenge mankind's most debilitating diseases. To continue this important work, we seek talented scientists with knowledge and dedication.

POSTDOCTORAL OPPORTUNITY
This project will focus on developing specific binding partners for IFN-alpha2B. Develop novel approach to extend the serum half-life of cytokines using specific binding partners. Ph.D. and experience in microbiology, molecular biology and protein chemistry required to identify, clone, express, purify, and characterize novel proteins, peptides or monoclonal anti-bodies of therapeutic interest.
Experience in cell biology to grow and analyze specific cell lines in culture and instruments such as BIACOR would be helpful.

We offer an excellent compensation package which includes a competitive salary and comprehensive benefits. For prompt, confidential consideration, we invite you to forward a resume with salary requirements to: Human Resources-JW, Dept. TH5479, Schering-Plough Research Institute, 2015 Galloping Hill Road, Kenilworth, NJ 07033-0539. We are an equal opportunity employer: We regret we are unable to respond to each resume. Only those selected for an interview will be contacted.

THE NATIONAL INSTITUTES OF HEALTH
NATIONAL INSTITUTE ON DRUG ABUSE
OFFICE ON AIDS

Call for Research on Drug Abuse and HIV/AIDS
In response to the increasing number of HIV/AIDS cases associated with drug abuse, the National Institute on Drug Abuse (NIDA) Office on AIDS encourages investigators to undertake research on drug abuse-related aspects of HIV/AIDS in the following general areas:

- interventions to reduce HIV transmission among drug users, their sexual partners, and their offspring;
- the epidemiology of drug abuse-related risk factors;
- HIV natural history, disease progression, and medical interventions; and
- basic behavioral and neuroimmunologic processes underlying HIV risk behaviors and AIDS.

For Details on AIDS-Related Research Opportunities at NIDA:
Steven W. Gust, Ph.D., Acting Director
Office on AIDS
Internet: sgust@nih.gov
Phone: (301) 443-6480 Fax: (301) 443-4100

Current program announcements can be obtained by calling NIDA’s Grants Management Branch: (301) 443-6710 or via Internet: gfleming@nih.gov. Investigators interested in expanding their research interests to include the study of drug abuse-related aspects of HIV/AIDS are especially encouraged to apply.

NIH Research Fellowship Positions
The Laboratory of Developmental Biology conducts research on the structure, function, and regulation of extracellular matrix molecules, their receptors, and other cell interaction systems. We are seeking a Ph.D., M.D., or D.D.S. interested in basement membrane and cartilage for postdoctoral positions. Experience in working with gene regulation, ECM, signal transduction, or mouse development is desirable. Applicants must have less than five years of postdoctoral experience. Stipends start at or above $25,000 per year depending on experience. Interested applicants should send curriculum vitae and three references to:

Yoshi Yamada, Ph.D.
Laboratory of Developmental Biology
National Institute of Dental Research
National Institutes of Health
Building 30, Room 405
9000 Rockville Pike
Bethesda, MD 20892
e-mail: yamada@yoda.nidr.nih.gov

Home page address of LDB in www:

NIH is an Equal Opportunity Employer.
LEXICON GENETICS INCORPORATED

LEXICON GENETICS is a new company dedicated to the study of gene function in mammals to help integrate drug development with human genome sequence data. The founders of LEXICON have developed mouse embryonic stem (ES) cell technologies at Baylor College of Medicine. LEXICON is expanding these technologies to address gene function on a large scale as well as conducting gene "knock-out" experiments and marketing reagents for research. The company's facilities are located north of Houston in the Research Forest of The Woodlands. Currently, LEXICON has an experienced staff of scientists and research associates and desires to expand operations with the following positions:

Research Scientists
LEXICON is seeking scientists with a Ph.D. to conduct research which supports the company's efforts in genomics and gene function analysis. Candidates should have relevant experience and interest in mammalian genetics and a publication record demonstrating the application of genetics toward the study of genes in development or physiology. While LEXICON is seeking scientists with experience in ES cell technologies, retrovirology or mouse developmental biology, we are not limiting our search to these areas.

Sequencing Core Director
This individual will be responsible for managing and expanding the company's sequencing capabilities. Candidates should have experience in high-throughput automated sequencing. Preference will be given to individuals with knowledge of state-of-the-art methods and who are motivated to maintain and expand the facility with the latest technologies. Applicants must have relevant experience, a Ph.D. and good communication skills.

Bioinformatics Director
The Director of Bioinformatics will be responsible for assembling and managing the necessary staff and equipment to provide computational support for LEXICON's research programs as well as conduct independent projects using data from LEXICON's genomics efforts. Candidates should have experience in genomics and computation and be able to apply knowledge of programming, UNIX and available databases to create an efficient research tool for genome analysis. This position requires management skills and the willingness to collaborate with other research teams. An advanced degree and familiarity with genetic databases and statistical analysis is required. LEXICON is seeking someone with experience in this field, but will also consider applications from individuals with diverse backgrounds.

Research Associates
Several openings are available for individuals with a B.S. or M.S. who have experience in molecular biology, tissue culture, animal husbandry or embryology. Candidates with relevant experience should be motivated and able to work independently and in groups.

If you are interested in one of these positions, please send your resume to Lexicon Genetics, Human Resources, 4000 Research Forest Dr., The Woodlands, TX 77381. We can be reached by fax 713-864-0155 or email personnel@lexgen.com. These and other employment ads can be viewed at http://www.lexgen.com. LEXICON GENETICS is an equal opportunity employer.
Two Tenure-Track Faculty Positions

The University of Wyoming

Cell Biology; Anatomy and Physiology

The Department of Zoology and Physiology at the University of Wyoming invites applications for two tenure-track faculty positions, academic rank commensurate with experience. We seek individuals who will develop strong externally funded research programs, direct graduate students, and teach effectively in the undergraduate/graduate and/or first-year medical school programs of the University. A Ph.D. or equivalent required; postdoctoral experience desirable; successful grant history required if appointment is made at Associate or Full Professor rank.

CELL BIOLOGY, starting fall 1997. All areas of cell biology and cell physiology of animals are appropriate, but we are especially interested in individuals who investigate localization of function in cells and tissues. Incumbent will oversee the operation of an existing well equipped laboratory with TEM, laser confocal and high resolution light microscopy capabilities. Teaching responsibilities include a major undergraduate team-taught course in cell biology, contribution to an integrative cell biology laboratory, periodic participation in a team-taught general biology course, and graduate course(s) in candidate’s areas of interest.

ANATOMY and PHYSIOLOGY, starting summer 1997. Any research specialty investigating structure/function relationships in animals at the molecular, cellular, or tissue level is appropriate. Principal teaching responsibilities will be the gross anatomy components of our new first-year medical school curriculum affiliated with the University of Washington School of Medicine, and periodic undergraduate or graduate course(s) in candidate’s areas of interest. Prior experience teaching medical school gross anatomy is highly desirable. Applications, including a letter specifying position(s) applied for and outlining research and teaching interests, curriculum vitae, and three letters of recommendation sent directly from references, should be submitted to: Search Committee, Department of Zoology and Physiology, University of Wyoming, P.O. Box 3166, Laramie, WY 82071-3166. Phone: 307-766-4207, FAX: 307-766-5625. Application materials must be received by September 16, 1996. The University of Wyoming is an Equal Opportunity/Affirmative Action Employer.

LOEB MEDICAL RESEARCH INSTITUTE

POSTDOCTORAL POSITIONS

The Loeb Medical Research Institute, Ottawa Civic Hospital and the University of Ottawa, has outstanding research programs in neurosciences and in hormones, growth and development. We seek postdoctoral candidates holding Ph.D.’s and/or M.D.’s with expertise in molecular and/or cellular biology wishing to continue study in one of our programs. We are particularly interested in recruiting women and minorities. Stipends start at $30,000/year. The scientists and research projects are listed below.

Marie-Andrée Akimenko/Marc Ekker/Karlos Turksen
Mesenchymal-epithelial interactions during hair and ear development

Heather Davis
DNA vaccines

Robert Haché/Marie-Andrée Akimenko
Developmental consequences of nuclear hormone receptor homeodomain binding in the zebra fish

Bin Hu
Generic and molecular determinants underlying neural circuit differentiation in mammalian CNS

X. John Liu
Functional studies of Xenopus IGF-1 receptor and several IRS-1-like proteins in embryonic development of Xenopus laevis

Johnny Ngsee/Jay Baltz
The signalling pathway leading to exocytosis in the mammalian sperm cell

Alex Sorsky
Protein kinase B and adipocyte differentiation

Peter Syys
Molecular manipulations of sodium channels in CNS ischemic injury

Mario Tiberi
Study of the dopamine D1B receptor function using gene targeting in mouse

For details, contact any of the scientists by FAX: 613-761-5354. By August 31, 1996, applicants to a specific project should submit a C.V., list of publications, names of two referees, and a brief statement of research interests to the appropriate scientist(s) at Loeb Medical Research Institute, Ottawa Civic Hospital, 1053 Carling Ave., Ottawa, Ontario, K1Y 4E9, CANADA.

The Ottawa Civic Hospital, an equal opportunities employer, encourages applications from all qualified applicants, including women, aboriginal peoples, members of visible minorities, and people with disabilities.
Global Career Opportunities

UNIVERSITY OF MANCHESTER
SCHOOL OF BIOLOGICAL SCIENCES

Wellcome Trust Centre for Cell-Matrix Research
Postdoctoral Research Associate

Applications are invited from molecular biologists with an interest in the areas of developmental biology and/or genetics. The successful applicant will join a team involved in the study of bone growth and development in normal and disease states. Experience in gene analysis and expression is essential. Desirable skills are in situ hybridisation, tissue culture and methods for the analysis of human genetic disorders.

The position, which is funded by The Arthritis and Rheumatism Council, is available from 1 August 1996 for a period of up to four years (starting salary according to age and experience but in the range of £15,986-£21,786).

Applicants should hold a PhD degree in a biological science and have relevant experience. Informal enquiries to Dr Gillian Wallis, School of Biological Sciences, 2.205 Stopford Building, University of Manchester, Oxford Road, Manchester M13 9PT. (Tel: 0161 275 5697, Fax: 0161 275 5082; email: gwallis@fs2.scg.man.ac.uk).

Application forms and further particulars available from The Office of the Director of Personnel, University of Manchester, Manchester M13 9PL. Tel: 0161 275 2028, Fax: 0161 275 2221. Please quote ref. no 318/96. Closing date for applications is 17 July 1996.

As an equal opportunities employer, the University of Manchester welcomes applications from suitably qualified people from all sections of the community regardless of race, religion, gender or disability.

EXCELLENCE IN NEUROSCIENCE
POSTDOC POSITIONS

The Department of Neuroscience and Neurology in the University of Kuopio is an internationally well known Alzheimer's center. The center is announcing four postdoc positions for national or international scientists. Applicants from different disciplines of neuroscience, Ph.D.'s or M.D./Ph.D.'s, are encouraged to apply. Research plans at the institute are currently as follows:

1. To study early markers to differentiate age related normal memory impairment from pathologic seen in Alzheimer's disease utilizing long-term clinical follow-ups and functional NMR among others. For information: Professor Hilge Soimnen, phone: 358-71-173012, E-mail: Hilge.Soininen@uku.fi

2. To develop pharmacological therapies for Alzheimer's disease utilizing animal models including transgenic animals as models of the disease. For information: Professor Paavo Riekkinen Jr., phone: 358-71-162016, E-mail: Paavoj.riekkinen@uku.fi

3. To study cell cultures molecular regulation mechanisms of neuronal degeneration and apoptosis and pharmacological manipulation of cell death. For information: Research Director Antero Salminen, phone: 358-71-162015, E-mail: Antero.Salminen@uku.fi

4. To study neuropathological changes in unimpaired, impaired aging and in Alzheimer's disease. For information: Irina Alafuzoff, M.D., Ph.D., phone: 358-71-162877, E-mail: Irina.Alafuzoff@uku.fi

Petitioners should send their applications, including c.v.'s, list of publications, recommendations, and short description of their field of interest to the head of the research team, Professor Paavo Riekkinen Sr., University of Kuopio, A.L. Virtanen Institute, P.O. Box 1627, FIN-70211, Kuopio, Finland, Fax: 358-71-162083.

Deadline for applications is September 30, 1996.

The salary is dependent on the qualifications of the applicant and ranges from US$ 2800-3200/month.

CICERO—Center for International Climate and Environmental Research—Oslo, is a private non-profit organization with the University of Oslo as founder. The Center has a multidisciplinary staff of 27 with expertise in political science, sociology, economics, and the natural sciences, and an annual budget of about NOK 11 million, of which about 40% is provided over the Government's annual budget. The Center is actively involved as a contributor to the UN's Panel on Climate Change (IPCC) and the processes involved in the UN's Climate Convention, to which it has contributed knowledge and strategic input.

Our Director is leaving her post for another position and CICERO is thus seeking to fill the position of:

DIRECTOR

The Director is the scientific and administrative leader of CICERO and represents the Center nationally and internationally.

The Director has overall professional and economic responsibility for the Center and organizes research, reporting, and consulting activities in close cooperation with the Center's senior researchers and with national and international users of the Center's services.

CICERO is entering an exciting period where its role as a competence center for international work on climate questions will be considerably strengthened. We are seeking a director with vision, creativity, and drive who can position CICERO in this area. The Director will have the possibility to conduct research of personal interest within the framework established by the Board of Directors.

Applicants must have:

- Scientific competence within one or more of the Center's interest areas
- Experience from basic and applied research
- Management experience and an ability to develop and lead highly qualified co-workers
- Ability to combine strategic planning with financial management and income generation
- Documented ability to generate funding
- Experience from international work, and good language skills. Knowledge of a Scandinavian language is desirable, though not required.

The position is demanding when it comes to communication and cooperation with others. Since the Center's activities are multidisciplinary, it is important that applicants can communicate with different professions, cooperate across disciplines, and stand for professional integrity.

CICERO is an equal opportunity employer.

Salary and terms are negotiable. Appointment will be for a term of six years, with the possibility of prolongation.

Requests for more information can be addressed to Board Chair Terje Osmundsen, phone 47 32 85 90 19; current Director Helga Hernes, 47 22 85 87 50; or Assistant Director Kjell Arne Hagen, phone 47 22 85 87 70. More information on CICERO can be obtained from the Center's home page (http://www.cicero.uio.no/)

All inquiries will be treated confidentially.

Applications with CV, publication list, and additional pertinent information should be sent to CICERO, P.O. Box 1129 Blindern, N-0317 Oslo, Norway, by July 19, 1996. The envelope should be marked D/96.
ENVIRONMENTAL SCIENTIST

The Bard College Division of Natural Sciences and Mathematics invites applications for a full-time, tenure-track position at the rank of ASSISTANT PROFFESSOR level (depending on experience), starting in January or August of 1997. Candidates should have a Ph.D. and a strong commitment to undergraduate education. Preference will be given to applicants who have strong backgrounds in chemistry and ecology with research interests at the interface of those fields. Teaching responsibilities include courses in environmental chemistry, ecosystems, and general/organic chemistry. There is the possibility of obtaining a full-time postdoctoral appointment in the summer months. Applications are to be submitted to: Daniel Freedman, Search Committee Chair, c/o Department of Human Resources, Bard College, Annadale-on-Hudson, NY 12504. Applications will be reviewed as received with interviews expected to begin in September 1996. Bard College is an Affirmative Action/Equal Opportunity Employer. Of special interest are candidates with a commitment to helping women pursue careers in science.

The Radiation Biology Branch, National Cancer Insti-
tute (NCI), National Institutes of Health, is accepting applications for a TENURE-TRACK position involving preclinical and molecular biology research on the effects of oxidants, such as superoxide, hydrogen peroxide, nitric oxide, oxygen-related radicals, ionizing radiation, and reactive chemical and drug therapies, on the modulation of tumor and normal tissue radiation sensitivity and response. The emphasis of the position will be to develop approaches that could potentially lead to therapeutic gains in cancer treatment and an understanding of the mechanism(s) of action that oxidative stress can exert at the cellular, chemical, and physiologic level. Candidates should have strong research credentials and should have a publication record in leading journals that relate to the effects of oxidants on oxidative stress, radiobiology, and/or cancer biology. Likewise, experience and/or a basic understanding of advanced analytical chemical and biochemical techniques, cell biology, and rodent biochemistry are strong assets, but the primary requirement is experience in molecular biology. The salary range for this position is $49,856 to $68,729 per annum, which is equivalent to a GS-13 in the Civil Service. Applicants should send curriculum vitae, bibliography, selected publications, and a brief statement of research interest and have three letters of recommendation sent to: Marie Priest, Di-
vision of Clinical Sciences, National Cancer Institute, Building 31, Room 3A11, 31 Center Drive MSC 2440, Bethesda, MD 20892-2440. This information must be received no later than August 30, 1996. The NCI is an Equal Opportunity Employer.

POSTDOCTORAL FELLOWSHIP

Molecular Biology of Hypothalamic Gene Expression

The regulation of expression of hypothalamic genes, especially vasopressin and oxytocin and their receptors, is under investigation. Specific projects include targeted re-
gulation of gene expression in mice and the influence of the POU protein interacting factors. Applicants should have a strong background in molecular biology, but less than five years of postdoctoral experience. Send curriculum vitae, bibliography, and three recent letters of reference to: W. Scott Young, M.D., Ph.D., Section of Neuroendocrine Research, National Institute of Neurological Disorders and Stroke, NICHD, 36 Convent Drive, MSC 4068, Bethesda, MD 20892-4068. NIMH is an Equal Opportunity Employer.

Two Research Associate/POSTDOCTORAL POSITIONS available immediately to study the biochemical-molecular basis of DNA double-strand break repair (DSB) in mammalian cells. Possible involvement of DSB repair in human cancer and radiation resistance will be studied using in vitro repair systems and repair deficient mutants [JBC, 269:15981, 1994]. Applicants should have a strong background in molecular biology and biochemistry. The Lankenau Medical Research Center is located in the suburbs of Philadelphia in a newly constructed research facility equipped to support state-of-the-art research on molecular, cellular, and animal models of disease.工资. Applicants will receive a PhD degree. Positions available during 1996 and 1997. Review of applications begins July 1, 1996, and will continue until the positions are filled. Applications should include curriculum vitae and three references to: Thomas D. Stamatou, Ph.D., The Lankenau Medical Research Center, 100 Lancaster Avenue, Wynnewood, PA 19096. Telephone: 610-645-2888. Equal Employment Opportunity Employer.

EXECUTIVE DIRECTOR

UNIVERSITY OF ALABAMA MUSEUMS

The University of Alabama seeks an experienced museum administrator to serve as EXECUTIVE DIRECTOR of the University of Alabama Museums. The Executive Direc-
tor oversees the University's museum system, which in-
cludes the Alabama Museum of Natural History, Mount-
ville Archaeological Park, and the Paul W. Bryant Museum, with responsibility for a staff of 41 and an annual operating budget of $1.75 million. Candidates should have an under-
standing of the missions of state and college-museum sys-
tems and a demonstrated ability to lead, manage, and promote the development of a large, complex museum system. Applications will begin September 1, 1996. Position to be filled by Jan-

ASSISTANT PROFESSOR

PHARMACOLOGY

The University of New England is accepting applications for a 12 month tenure-track position as ASSIS-
TANT PROFESSOR in the Department of Pharmacol-
ogy. Candidates with teaching and research experience in Osteopathic medicine, Nurse Anesthesia, and Physician Assistant Programs. The applicant will be expected to develop an active research program. Applicants in all areas of research are encouraged to apply. It is anticipated that an appointment at the assistant professor level will be commensurate with the applicant's experience. The successful candidate will begin September 1, 1996. Position to be filled by Jan-

ASSISTANT PROFESSOR

Biological Chemistry

The Department of Internal Medicine and the Sim-
mons Arthritis Research Center at The University of Tex-
As Southwestern Medical Center at Dallas invites applica-
tions for a tenure-track ASSISTANT PROFESSOR-
SHIP. Candidates must hold the degree of Ph.D. and/or M.D. and have a minimum of three years of postdoctoral research experience. Simmons Arthritis Research Center's research should complement the Center's existing strengths in molecular immunology and structural biology. We encourage appli-
cations from individuals who will develop strong, inde-
dependent research programs and commit their research to the area of molecular immunology, but who are also interested in an exchange of ideas and information among scientists taking diverse ap-
proaches to studying the normal immune system and its dysregulation in disease. This research should help us understand the molecular basis of immunity, to establish a foundation for understanding the mechanisms of immune regulation, and to establish a foundation for understanding the mechanisms of drug-induced immunosuppression.

Send curriculum vitae and three letters of reference to: Peter Lipsky, M.D., Director, Simmons Arthritis Research Center, UT Southwestern, 5323 Harry Hines Boulevard, Dallas, TX 75235-8884.

UT Southwestern is an Equal Opportunity Employer.

POSTDOCTORAL POSITIONS available immediately for NIH-sponsored studies in drug metabolism and transport. Applicants should have quantitative skills and experience in (1) analytical chemistry, drug metabolism, pharmacokinetics, and cell culture (drug metabolism) or (2) cloning, sequencing, RT-PCR, Xenopus oocyte expres-
sion, radiolabelling using in vitro drug transfection. Send curriculum vitae and three letters of reference by July 31, 1996 to: Dr. Unadkat, Department of Pharmaceutics, Box 357610, University of Washington, Seattle, WA 98195. Email: jash@u.washington.edu; FAX: 206-543-3204. An Equal Employment Opportunity Employer.

POSTDOCTORAL POSITIONS available in De-
partments of Biochemistry, Cell Biology and Anatomy, Microbiology and Immunology, Molecular and Cellular Biology, Pathology, Pharmacology, Toxicology, and Physiology. Applicants should have obtained the Ph.D. degree. Positions available during 1996 and 1997. Review of applications begins July 1, 1996, and will continue until the positions are filled. Applications should include curriculum vitae and three letters of reference to: Daniel Folz, M.D., Ph.D., University of Texas Southwestern Medical Center, Box 3177, Dallas, NC 77510.

NEUROSCIENCE Ph.D. at the University of Mich-
igan, Section of Emergency Medicine. Active areas of research in brain injury, shock, and focal/global cerebral ischemia. Experience required includes an understanding of the basic science departments available and encouraged. Please send curriculum vitae to: William G. Barsan, M.D., University of Michigan Medical Center, Emergency Medicine, 1 University Medical Center, Box 1213, Ann Arbor, MI 48109-0014. Telephone: 313-936-6020. The University of Michigan is an Equal Opportu-
nity/Affirmative Action Employer.

DEAN, COLLEGE OF MEDICINE

Director, Office of Health Services University of Arizona

Applicants are invited to apply for the position of De-

dean, College of Medicine, University of Arizona. The College of Medicine is a major research and education center serving the medical needs of western Arizona and the southwestern United States. The dean is responsible for the advanced graduate, medical, and graduate education programs, as well as research programs of the college. The dean supervises the Office of Health Services, which serves over 240,000 patients in Arizona, and the Office of Continuing Education. The dean is responsible for the College's budget, and for the planning and development of the College's mission. The dean serves on the University of Arizona Board of Regents. The College of Medicine is committed to the development of a diverse faculty and student body, with the goal of providing productive and creative educational experiences for all students. The College of Medicine encourages applications from women and minorities. The College of Medicine is committed to providing a work environment that is free from sexual harassment. The successful candidate will be expected to participate in the College's efforts to increase diversity in the faculty, student body, and staff. Applicants should send a curriculum vitae and three letters of recommendation to: James M. Cunkle, M.D., Ph.D., Director, Office of Medical Education, University of Arizona College of Medicine, Tucson, AZ 85724-5116. A contemporary medical center offering numerous health and educational services, the University of Arizona College of Medicine is a leader in medical education and research. The College of Medicine is an Equal Opportunity/Affirmative Action Employer, Women and minorities are encouraged to apply. Maricopa County is Arizona's largest county and the state's most ethnically diverse. The University of Arizona is the state of Arizona's land-grant university and offers a full spectrum of undergraduate and graduate degrees in its colleges of Agriculture, Engineering, Medicine, Pharmacy, Social Science, and Arts and Sciences. The University of Arizona is an Equal Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply.
Carolina University, Greenville, Immigration of and over 400 torsal II biology/biotechnology.

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lence physiology, University.

Accommodates majors in biology and molecular biology/biotechnology. There are active research programs in coastal ecology, animal physiology, evolutionary biology, and molecular biology of vertebrates and prokar
yotes.

Ph.D. degree, administrative experience, and demonstrated excellence in teaching and research in the liberal arts tradition are re
dquired. Submit letter describing leadership and management style, c.v., and contact information for at least three current refer
tes. Review of applications will begin 3 September 1996. Official transcripts are re
dquired upon employment. Address applications to: Professor Carson W. Bays, Chair of the Biology Search Committee, College of Arts and Sciences, East Carolina Uni

An Equal Opportunity/Affirmative Action University. Accommodates individuals with disabilities. Applicants must comply with the Immigration Reform and Control Act.

IUPAC

The International Union of Pure and Applied Chemistry will relocate its Secretariat to Research Triangle Park, North Carolina, USA in 1997. IUPAC seeks an Executive Director to head the new Secretariat. The position is open on May 1, 1997, following retirement of the incumbent, but availability early in 1997 is desirable to provide some overlap. The Executive Director and Secretariat staff are responsible for administration of numerous committees and commissions staffed by over 1200 volunteer chemists throughout the world; organizing IUPAC General Assemblies, Congresses and other meetings; interactions with the 41 National Adhering Organizations that comprise the Union; management of the IUPAC publication program; public relations activities; and executing the IUPAC budget (over $1 million per year).

The Executive Director must have a substantial background in chemistry (doctoral degree preferred); ability to organize, manage, recruit and interact effectively with workers in a small office environment; proficiency in information technology; and ability to communicate effectively and diplomatically with a large number of scientific leaders throughout the world.

Resumes, along with three letters of reference (or the names of three references with fax or e-mail addresses) should be sent by September 1, 1996 to Dr. Edwin D. Becker, Secretary General IUPAC, National Institutes of Health, Bethesda, MD 20892-0520, USA. Additional information, if needed, may be obtained by Fax (301 435-2413) or e-mail (becker@nih.gov). General information about IUPAC programs and further details of this position are given on IUPAC's World Wide Web homepage: http://chemistry.rsc.org/rsc/iupac.htm IUPAC offers competitive salary and benefits and is an Equal Opportunity employer.
DEKALB Genetics Corporation is the fastest growing agricultural seed company in the U.S. Our mission is to provide our customers with seed products that improve their productivity and profitability. Our biotechnology research program will play an increasingly important role in fulfilling that mission. We seek bright, creative, and ambitious people to join our expanding multidisciplinary team focused on the genetic improvement of crop plants.

Regulatory Affairs: DEKALB seeks personnel to accomplish product regulatory approval in order to insure timely commercial introduction of new bioengineered seed products. Individuals with experience in obtaining product approval by U.S. and foreign government agencies, including USDA, EPA, and FDA, are encouraged to apply.

Transformation Technology: DEKALB is seeking a Ph.D. level scientist with significant experience in the transformation of monocot plants for the development of new bioengineered seed products. The successful individual will be responsible for aspects of product development as well as the development of novel technologies. DEKALB is also seeking individuals at the B.S./M.S. level to assist in the production of transgenic plants. Experience with monocot systems is preferred, but not essential.

The successful candidates will be located at DEKALB’s biotechnology research facility in Mystic, CT, a scenic shoreline community located on Long Island Sound, halfway between New York and Boston. DEKALB offers competitive compensation, an attractive benefits package, and an outstanding working environment.

Send applications and the names, addresses and phone number of three professional references to Human Resources, DEKALB Genetics Corporation, 62 Maritime Drive, Mystic, CT 06355-1958.

Chair
Department of Pharmacology
Medical College of Ohio
Toledo, Ohio

The Medical College of Ohio invites applications for the position of professor and chair of the Department of Pharmacology. Candidates must have a Ph.D. or M.D. degree (or their equivalents) and have an outstanding record of scientific accomplishments, research funding, graduate and medical education, and evidence of administrative and leadership ability. The successful candidate will lead a productive department with research strengths in signal transduction, neurotransmitters and ion channels, and teaching commitments in the medical and graduate schools.

The Medical College of Ohio is a free-standing, public institution with outstanding modern educational, research and clinical facilities. We seek an energetic and interactive chairperson who will promote the future growth of the department and the missions of the institution. To apply, send a curriculum vitae and the names of three references to:

Maurice Manning, Ph.D., D.Sc.
Chairman, Pharmacology Search Committee
Department of Biochemistry and Molecular Biology
Medical College of Ohio
P.O. Box 10008
Toledo, Ohio, 43699

Further details are available at the MCO home page address:
http://www.mco.edu

Review of applications will begin September 3 and will continue until the position is filled.

The Medical College of Ohio is an affirmative action/equal opportunity employer.

Announcing the 4th Annual BS/MS Careers Issue
August 30, 1996

Get BS/MS students excited about career opportunities at your company or university. SCIENCE Magazine offers you a once-a-year opportunity to reach the best science students and tell them about your employment opportunities in the August 30, 1996 BS/MS special advertising supplement.

Full page advertisements receive bonus distribution to the top biology and chemistry programs in the U.S.

Make sure your message gets the impact you need. Run a full page ad and reach our regular subscriber base of over 160,000. In addition, your ad receives bonus distribution to students in 151 of the top biology and chemistry programs around the U.S. in a special reprint of the BS/MS advertising section.

Reach eligible minority students.
When you advertise a full page in the BS/MS Careers issue your advertisement will get special distribution to U.S. colleges and universities with historically high minority enrollment.

Placing your ad is easy!
In the U.S., call Janis Crowley at (212) 496-7704 or fax (202) 289-6742.
In Europe, call Debbie Cummings at +44 (0) 1223 302067 or fax +44 (0) 1223 567208.
Advertising deadline: August 13, 1996.

SCIENCE
http://www.sciencemag.org
**KUWAIT UNIVERSITY**

**FACULTY OF SCIENCE**

**Faculty Positions (3)**

Associate or Full Professorships in Pharmaceutical Sciences/Pharmaceutics, Pharmaceutical Chemistry, Pharmacology

**Faculty of Pharmacy**

**Kuwait University**

The Faculty of Pharmacy, Kuwait University, invites applications for three full-time faculty positions in:

1) **Pharmaceutics or biopharmaceutics and pharmacokinetics**
   Applicants should possess teaching expertise in physical pharmacy or biopharmaceutics and pharmacokinetics and demonstrated research experience in targeted drug delivery systems, new dosage form design, or biopharmaceutics.

2) **Pharmaceutical Chemistry**
   Applicants should possess teaching expertise in analytical, medicinal, or natural product chemistry and must have demonstrated achievements in research in drug analyses, drug design and synthesis, or natural product chemistry.

3) **Pharmacology**
   Applicants should possess teaching expertise in pharmacology, toxicology, and applied therapeutics and must have developed a successful ongoing research program.

Applicants should preferably have a first degree in pharmacy. Successful applicants will be expected to teach at both the undergraduate and graduate levels, to contribute to the development of the Faculty, and to establish an active, collaborative research program within the Health Science Faculties. Rank and salary will be commensurate with experience and qualifications. Appointment are subject to contract.

Kuwait University offers:

- 12 month tax free salary
- 2 month paid summer vacation
- Other benefits include: housing and furniture allowance; annual air tickets for appointee, spouse; and 3 children up to the age of 18; free national health medical care; free tuition for dependent children under the age of 18 through high school in accordance with Kuwait University regulations; paid midterm holidays and summer vacation; and end of service gratuity equal to one month of basic salary for each year of service.

Financial support for research through competitive awards system.

Excellent academic environment in newly established college.

Applications may be obtained from:

Embassy of the State of Kuwait
Kuwait University Office
3500 International Drive, NW
Washington, DC 20008
Telephone: 202-363-8055

Letters of application accompanied by a complete curriculum vitae and the names, addresses, telephone and facsimile numbers, and E-MAIL addresses of three references should be submitted to:

Professor David Briggs
Dean, Faculty of Pharmacy
Health Sciences Center, Kuwait University
P.O. Box 24923, Safat Code No. 13110
KUWAIT
POSTDOCTORAL FELLOW–IMMUNOLOGY

Recent Ph.D. required for studies of the interaction of peptides with class I MHC molecules. Emphasis on understanding the role of peptides/MHC on epitope selection and immunogenicity in both mouse (LCMV) and human (HIV) virus infections. Please send curriculum vitae, list of publications, and three letters of reference to:

Jeffrey Frelinger
University of Wisconsin-Madison at Chapel Hill
Department of Microbiology and Immunology
CB Number 7290, FLOB
Chapel Hill, NC 27599-7290
FAX: 919-962-8103
Email: jfrelin@med.unc.edu

The University of North Carolina at Chapel Hill is an Affirmative Action/Equal Opportunity Employer. Applications from women and minorities are encouraged.

MICROBIAL IMMUNOLOGY AND PATHOGENESIS


TWO POSTDOCTORAL POSITIONS

Molecular Genetics and Microbiology

The Tufts University Biotechnology Center invites applications for positions for (1) the study of structure and regulation of spider silk genes, and (2) the study of lipo-heteropolysaccharide biosynthesis in an Acinetobacter. Applicants should have a Ph.D. and experience in gene mapping and molecular cloning, and transposon mutagenesis for position (2). Please send a curriculum vitae and the names of three references to: David Kaplan, Tufts University, Biotechnology Center, 4 Colby Street, Medford, MA 02155. Applications will be reviewed immediately. Tufts is an Affirmative Action/Equal Opportunity University. Members of underrepresented groups are encouraged to apply.

A POSTDOCTORAL FELLOWSHIP is currently available to study the molecular mechanisms by which synaptic activity and trophic factors regulate neuronal development and excitatory learning. Transgenic and tissue culture models will be employed. Applicant should have extensive experience with molecular biological techniques. Send curriculum vitae to: Robert Kalb, Department of Neurology, Yale University School of Medicine, 333 Cedar Street, New Haven, CT 06520. Email: Robert.Kalb@Yale.edu.

POSTDOCTORAL RESEARCH

Immediately available. TRAINING in molecular genetics, microbiology, and/or mammalian cell culture. Applicants with Ph.D. in biology or biochemistry and experience in molecular biology techniques. Position may be funded by NIH training grant; applicants must meet eligibility requirements. Please send curriculum vitae and names of three references to: Section Chief, Cardiology, Baylor College of Medicine, One Baylor Plaza, SM 677, Houston, TX 77030. An Equal Opportunity/Affirmative Action/Equal Access Employer.

POSTDOCTORAL POSITION

Available at the end of 1996/beginning of 1997 to study the genetic basis of diabetes mellitus. Preference is given to individuals with research training in transgenic mouse technology. Applicants must have a Ph.D. in molecular biology. Studies involve gene isolation, mutagenesis, screening, marker genotyping, and mRNA expression. Experience in molecular genetics and molecular biology and interest in diabetes research desired. Position available immediately. Send curriculum vitae and names of three references to: Michal Prochazka, M.D., CNDS/NIDDK, 4212 North 16th Street, Phoenix, AZ 85016.

POSTDOCTORAL FELLOWSHIPS

Wayne State University

POSTDOCTORAL RESEARCH ASSOCIATE position available immediately to study cellular and subcellular events involved in inflammatory and epithelial changes in the lung following exposure to air pollutants. The study utilizes novel and innovative in vivo and in vitro approaches to examine biological responses. Participation in studies aimed at analyzing cytokines, cell adhesion molecules, cytokine-interleukin, inflammation, epithelial injury, and immunological aspects is expected. Starting salary $25,000 to $30,000 per year. Contact:

Deeakup B. Bhalla, Ph.D.
Department of Occupational and Environmental Health Sciences
628 Shapero Hall
Wayne State University
Detroit, MI 48202
Telephone: 313-577-3980
Email: dbhalla@wizard.pharm.wayne.edu

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POSTDOCTORAL POSITIONS

The Aaron Diamond AIDS Research Center

POSTDOCTORAL POSITIONS are available immediately in the laboratories of Drs. Cecilia Cheng-Mayer, John Ho, Robert Prabhu, Nathaniel Landau, and John Moore. Projects include studies of HIV pathogenesis and viral dynamics, HIV regulatory genes and the cell cycle, humoral and cellular immunity, and chemokine receptors for viral invasion. Virology, immunology, and molecular biology experience will be required. Send curriculum vitae and names of three references to: Dr. Robert Prabhu, The Aaron Diamond AIDS Research Center, 455 First Avenue, New York, NY 10016. The Diamond Center is an affiliate of The Rockefeller University. The Diamond Center is an Equal Opportunity Employer.

POSTDOCTORAL POSITIONS

Available immediately to study molecular mechanisms of gene regulation in bile acid synthesis. Experience in molecular biology, protein purification, protein-DNA interactions, and tissue culture is essential. Please submit curriculum vitae to: Dr. John Chiang, Department of Biochemistry and Molecular Pathology, Northeastern Ohio Universities College of Medicine, P.O. Box 95, Rootstown, OH 44272-0095. FAX: 330-325-2524; Email: jchiang@neoucom.edu.

POSTDOCTORAL POSITION

Available immediately for a minimum of two years in NIH-funded neurosciences research projects on schizophrenia. A candidate must have a Ph.D. degree with experience in neurophysiology (EEG and evoked potentials) and/or neurochemistry (cellular-molecular). Send curriculum vitae and three references to: Dr. Pauline Ting, Department of Pediatrics, Howard University, 2041 Georgia Avenue, NW, Washington, DC 20060. FAX: 202-865-4558. Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITION

Molecular Parasitology

A position is available to study mechanisms of gene expression and molecular pathogenesis in the protozoan parasite Trypanosoma cruzi. Studies address the promoter structures, mechanisms of transcriptional control, and genetic manipulation of these parasites. Send curriculum vitae and letters of reference to: Gregory A. Buck, Box 980678, MCV Campus, Virginia Commonwealth University, Richmond, VA 23298.

DEVELOPMENTAL BIOLOGIST

POSTDOCTORAL position available to study transcriptional regulation and neuronal/glial differentiation during mouse embryonic development. Experience in pronuclear injection and construction/analysis of transgenic mouse lines is preferred. Please send curriculum vitae and a list of references to: Dr. Sadhan Majumder, MD Anderson Cancer Center, 15 Holcombe Boulevard, Box 100, Houston, TX 77030. Telephone: 713-792-8920; FAX: 713-792-6054; Email: majumder@umtdacc.md.uth.tmc.edu

Three POSTDOCTORAL RESEARCH ASSOCIATE positions, funded by NIH, are available September 1, 1996, to study the acute and chronic effects of cesium and the negative effect of alcohol on cardiovascular neurobiology. Studies will involve hemodynamic and electrophysiologic measurements in chronically instrumented conscious rats as well as central NMDA receptor antagonists to investigate the role of central sympathetic pathways in the interaction. Candidates must have a Ph.D., M.D., D.V.M., or equivalent degree. Familiarity with molecular neurobiology and experience in using pharmacological approaches is desirable. Send curriculum vitae, description of research experience, and names of three references to: Dr. Abdel A. Abdel-Rahman, Department of Pharmacology, East Carolina University School of Medicine, Greenville, NC 27858. Federal law requires proper documentation of identity and employability at the time of employment. Affirmative Action/Equal Opportunity Employer.

FIRE ECOLOGIST and FIELD BIOLOGIST, to join the MD Natural Resources Management for the Montana and Fire Ecology of the Audubon Society’s 24,000-acre sanctuary system. Both positions have a state- and region-wide conservation mandate. Fire ecologist, based on Nantucket, will continue and expand long-term research, conduct controlled burns, and assist with other ecological management; Ph.D. in botany and relevant experience required. Field biologist will coordinate ecological management planning, fire studies and education in these areas. Send curriculum vitae and names of four references to: Dr. Robert W. Woodley, Department of Biochemistry and Molecular Biology, Colorado State University, Fort Collins, CO 80525. Applications must be complete by September 1, 1996 to ensure consideration. Colorado State University is an Equal Opportunity/Affirmative Action Employer. Employment Opportunity Office: 21 Spruce Hall.

POSTDOCTORAL POSITION available to study the molecular mechanism of V(DJ) recombination, related aspects of double strand DNA break repair, and histone DNA metabolism. Projects involve methods in molecular biology, cell biology (early B cell differentiation) and biochemistry, expertise in one of these areas desired. Submit curriculum vitae and three references to: Dr. Susanis M. Lewis, Department of Biology, University of Toronto, Toronto Medical Sciences Building, Toronto, Ontario M5S 1A8 Canada. FAX: 416-978-1938; Email: Lewis@immunmed.utoronto.ca. Equal Opportunity Employer.

POSTDOCTORAL position available immediately to study the degradation, glycosylation, and trafficking of ER proteins. Experience in modern molecular biotechniques is required and strong background in chemistry is desirable. Send curriculum vitae and three letters of reference to: Dr. Juris Ozols, Department of Biochemistry, University of Connecticut Health Center, Farmington, CT 06032. An Affirmative Action/Equal Opportunity Employer, Minorities/ Females/Disabled/Veterans.

POSTDOCTORAL RESEARCH ASSOCIATE: Study of thalamic contribution to behaviors relevant to schizophrenia, other neuropsychiatric disorders, and Alzheimer's disease. Experience in behavioral neuroanatomy, rodent behavior, and startle responses would be useful. Qualified applicant must be U.S. citizen/resident. Send resume and three references and one telephone number to: Keith A. Young, Ph.D., Neuroscience Lab (151w), Central Texas Veterans Health Care System, 4800 Memorial Drive, Waco, TX 76711. For more information, visit http://www.vvmc.com/~tempa/newgrant.

POSTDOCTORAL POSITIONS available to study leukocyte chemotaxis and relate this to other inflammatory processes. Experience expected before September 1997. Include a brief, specific description of the basis for your interest, relevant experience, and fellowships for which you are eligible. Experience in cellular immunology and molecular biology is preferred. Reply to: Dr. L. Lampson, Laboratory of CNS Immunology and Neurobiology, Biology/LMRC 116, Brigham and Women's Hospital, Boston, MA 02115.
The University of Auckland - New Zealand

Two Lectureships in Environmental Science
Vacancy UAC.748

Procedures
Further information, Conditions of Appointment and Method of Application should be obtained from the Academic Appointments Office, The University of Auckland, Private Bag 2001, Auckland, New Zealand, phone 64-9-373 7599 ext. 5097, fax 64-9-373 7023, email: appointments@auckland.ac.nz. Three copies of applications should be forwarded to reach the Registrar by 5 August 1996.

Please quote the relevant Vacancy Number in all correspondence.

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invites applications for

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Promotion to a tenured professorship is possible. Qualifications include a Ph. D., M. D. or equivalent degree and research experience in the field of neurobiology of peripheral nerve disorders.

Interested individuals should send curriculum vitae, reprints, a statement of research and future directions, along with names, addresses and telephone/fax numbers of three references to Prof. Dr. Andreas Steck, Head of Department of Neurology, Kantonsspital Basel, CH-4031 Basel. Deadline for application is August 31st 1996.
POSTDOCTORAL POSITIONS

MOLECULAR BIOLOGIST/VIROLOGIST

Available fall 1996

Laboratory of Immunopathology
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TWO POSITIONS available for fellows (less than five years out of degree) to work on retrovirus induced immunodeficiency, basic retroviral biology, and basic immunology. Current activities center on mechanisms of energy and abnormal cell signaling in MAIDS, development of B cell lymphomas with an emphasis on proviral integration, and interactions of Gag with cellular proteins. Background in molecular biology, cell biology, protein-protein interactions, or signal transduction and strong background in immunology would be beneficial. Salary range begins with $28,000 and will be commensurate with experience. Qualified and interested candidates should send curriculum vitae and names and addresses of three references to: Herbert C. Morse III, Chief, Laboratory of Immunopathology, NIAID, Building 7, Room 304, 7 Center Drive, MSC 0760, Bethesda, MD 20892-0760. Telephone: 301-496-6379; FAX: 301-496-0077. Email: hnmorse@atlas.niaid.nih.gov

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The Carlsbad Environmental Monitoring and Research Center, New Mexico State University (NMSU), has an immediate opening for a POSTDOCTORAL RESEARCH ASSOCIATE in Atmospheric Science. The position will conduct aerosol chemistry research in an arid environment. Qualifications: Ph.D. in aerosol science, atmospheric science, environmental science, environmental engineering, or related field. Demonstrated skills in oral and written communication; design, modification, and maintenance of monitoring equipment; computer programming; statistical data analysis and modeling. Duties include: design and implement state-of-the-art methods of atmospheric monitoring; perform statistical data analysis for particles, trace elements, and radionuclides, and coordinate all operations of the atmospheric science program. Salary will be commensurate with qualifications and experience. Please send letter of interest, detailed résumé, and the names, telephone numbers, and affiliations of four references to: Dr. Donald J. Fingleton, Director, Carlsbad Environmental Monitoring and Research Center, 800 West Pierce, Carlsbad, NM 88220. Telephone: 505-234-8500; Email: fingleton@nmsu.edu. Review of résumés will begin on July 5, 1996, and the position will remain open until filled. Position is contingent upon funding. NMSU is an Equal Employment Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITION

SYNTHETIC ORGANIC CHEMISTRY

One POSTDOCTORAL POSITION available in cancer research laboratory with emphasis on the design, synthesis, characterization, and evaluation of novel anti-tumor agents. Current studies include development of mechanism-based protease inhibitors and novel tryptophan analogs targeted at carcinoid disease. This position funded by NCI trained Ph.D./or NIH R01 grant; successful applicant will meet eligibility requirements for support. Applications, including curriculum vitae, a summary of research interests/experience, and names of three references, should be forwarded to: Dr. Matthew M. Ames, Chair, Division of Developmental Oncology Research, Department of Oncology, Mayo Clinic and Foundation, Rochester, MN 55905. Mayo Foundation is an Affirmative Action/Affirmative Action Educator and Employer.

POSTDOCTORAL POSITION

Clinical Pharmacology/Pharmacokinetics

of Antitumor Agents

The Mayo Cancer Center conducts an extensive developmental therapeutics program for the treatment of cancer. Our laboratory characterizes the pharmacology and metabolism of new agents in conjunction with NCI-sponsored adult Phase I and II clinical trials, and in conjunction with Children's Cancer Group pediatric clinical trials. The laboratory is also funded to conduct preclinical pharmacology, metabolism, and mechanisms of action studies with new agents. Candidates should have a strong background in pharmacokinetics, metabolism, and/or pharmacology. Candidates with postdoctoral experience will be considered for a more advanced appointment. Applications, including curriculum vitae, summary of research interests and experience, and names of three references, should be forwarded to: Dr. Matthew M. Ames, Chair, Division of Developmental Oncology Research, Department of Oncology, Mayo Clinic and Foundation, Rochester, MN 55905. Mayo Foundation is an Affirmative Action/Affirmative Action Educator and Employer.

POSTDOCTORAL FELLOW position available to investigate mechanisms of signal transduction of lipid inflammatory mediators in the cornea. Background in molecular biology is required with some experience in cell culture and signal transduction desirable. Position is for two to three years. Send curriculum vitae and three references to: Haydee E. P. Bazan, Louisiana State University Eye Center, 2020 Gravier Street, Suite B, New Orleans, LA 70112. Telephone: 504-568-6700, Ext. 319; FAX: 504-568-5801; Email: hbazan1@lsu roc.edu. Louisiana State University is an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITION

Established group investigating the genetics of CNS diseases seeks individual with extensive training in molecular genetics, preferably with experience in positional cloning strategies. Position has potential for advancement to faculty status. Send curriculum vitae and list of three references to: M. Durner, M.D., Department of Psychiatry, Box 1229, Mt. Sinai Medical Center, 1 Gustave Levy Place, New York, NY 10029. FAX: 212-831-1947.

ANNOUNCEMENT

CALL FOR PAPERS

The Fourth International Conference on the Extracellular Matrix and the Reproductive Tract November 10 to 12, 1996 Bad Waldsee, Germany Registration and Conference Fee: $750
To register:
R. Osmers, M.D.
Department of Obst./Gyn
University of Gottingen
Robert-Koch-Strasse 40
37078 Gottingen, Germany
P. C. Leppert, M.D., Ph.D.
Rochester, New York, USA
Liaison to organizing committee

SYMPOSIUM

THE MOLECULAR BIOLOGY OF FIBROTIC LUNG DISEASE

Lung Cell Biology at Woods Hole Sponsor: Astra Pharmaceuticals October 20 to 23, 1996
The SYMPOSIUM will include state-of-the-art presentations on the molecular mechanism of fibrotic lung disease. Topics will include transgenic models of fibrotic lung disease, genetic regulation of the extracellular matrix, cell-matrix interactions, and the role of cytokines and apoptosis during lung injury. Invited speakers include D. Greenspan, B. De Crombrugghe, G. Martin, K. Miyazano, F. Ramirez, R. Assoian, and others. Posters presentations are welcome from all participants. Registration fee is $250. For details and registration forms contact: Ronald H. Goldstein, M.D., The Pulmonary Center (R-312), Boston University Medical Center, 80 East Concord Street, Boston, MA 02118. Telephone: 617-536-8093; Telephone: 617-638-4860.

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