The assays are comprised of two parts, a Probe Pack and a detection system of choice, allowing for either colorimetric or fluorescence detection of protein-Rich DNA ligation 99.9% of all particles of this size or larger. They are available in 10-, 20-, 30-, and 40-inch nominal lengths with end adapters to fit any commercially available filter housing. Osmonics. Circle 145.

**Literature**


Clinical Research Reference Guide demonstrates how capillary electrophoresis can be used in a wide range of applications including evaluation of protein-drug interactions, analysis of DNA, isoform separations of specific proteins, and evaluation of new therapeutic compounds. Beckman Instruments. Circle 147.

High Voltage is a new newsletter for chemists using capillary electrophoresis analysis. The publication includes technical articles and application notes with a wealth of how-to and troubleshooting information on this rapidly growing technology. J&W Scientific. Circle 148.

EGF Family of Growth Factors is a product guide describing a family of epidermal growth factors and antibodies. Sigma Chemical Co. Circle 149.

Evaluation of a Simple Screening Test for Fecal Pollution in Water discusses a study that compared a test for detecting waterborne hydrogen sulfide—producing bacteria (used as indicators of fecal pollution) to six other tests for fecal coliforms, total coliforms, and Clostridium perfringens. Bach Co. Circle 150.
On 7 June SCIENCE comes to the rescue …

It’s impossible to track the daily explosion of information about computers, software and hardware available for your research. But SCIENCE has made it a lot easier.

NEW! Computers in Science

SCIENCE highlights the newest computer software and hardware tools available to the research community in three upcoming special articles. Look for the first in the series, DNA Sequencing Software, in the 7 June issue.
GBF - Symposium
Antibody Technology and Applications in Health and Environment
September 06 - 10, 1996 in Braunschweig/Germany

Speakers include:
A. Bradbury (Italy)  J. Engberg (Denmark)  B. Haase (Germany)
B. Brizzard (USA)    R. Cortese (Italy)    P. Holliger (U.K.)
P. Carter (USA)      A. Coutinho (France)  J. Köhl (Germany)
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J. Collins (Germany) G. Gallacher (U.K.)    N. Lonberg (USA)
E. Conway de Macario (USA) A. Griffith (U.K.) J.R. McGhee (USA)
A. DePicker (Belgium)    B. Haase (Germany)  A. McPherson (USA)
A. M. Wu (USA)  

Main Topics
- Antibody Structure and Function
- Display Technology
- Combinatorial Libraries
- Human and Humanized Antibodies
- Bispecific and Catalytic Antibodies
- Expression of MAbs and Tag Systems
- Diagnostics and Imaging
- Prophylaxis and Therapy
- Other Applications

Organizing Committee:  Contact:
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AAAS Science and Technology Policy Yearbook
Albert H. Teich, Stephen D. Nelson and Celia McEnaney, editors

The past year has been filled with dramatic developments in science and technology policy following the election in November 1994. Budget cuts, large-scale reorganizations, laboratory closings, and ventures into international cooperation have all been on the table in the most uncertain policy environment in decades. Like the preceding volumes in this annual series, the 1995 YEARBOOK brings together in a single volume the key science and technology policy documents of this remarkable year. Included are papers from the 1995 AAAS Science and Technology Policy Colloquium as well as a variety of other influential documents. Working scientists, engineers, government policymakers and administrators, industrial managers, students and others interested in science and technology policy will find this book an invaluable resource.

1995, 368 pages, $24.95 (AAAS member price $19.96)
Purchase the 1994 Yearbook for $12.50 (half price) and the 1991-1993 Yearbooks for only $5.00 each.
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CE.R.I.E.S. RESEARCH FELLOWSHIP
250,000 FF

THE EPIDERMAL AND SENSORY RESEARCH AND INVESTIGATION CENTER (CENTRE DE RECHERCHES ET INVESTIGATIONS ÉPIDERMİQUES ET SENSORIELLES - CE.R.I.E.S.)...

is an autonomous research center based in Paris, France and funded by CHANEL to perform and encourage research on the physiology and biology of healthy skin. In addition to conducting its own independent research, the CE.R.I.E.S. will fund an annual Fellowship beginning in 1996.

PHYSIOLOGY OR BIOLOGY OF HEALTHY SKIN AND/OR ITS REACTIONS TO ENVIRONMENTAL FACTORS...

This Fellowship will enable a dermatologic researcher to pursue fundamental or clinical research work on the physiology or biology of healthy skin and/or its reactions to environmental factors.

The awardee will be selected by an international jury consisting of the members of the Scientific Advisory Board of the CE.R.I.E.S.

Deadline for applications: July 15, 1996
Request for application forms must be addressed to CE.R.I.E.S. Research Fellowship
230 Park Avenue South, 11th Floor, New York, NY 10003
Tel: (212) 614-4080
Fax: (212) 598-6945

Fellowship will be awarded without regard to sex, age, race, religion, national origin, creed, disability, marital or veterans status.
**RICHARD ROLAND REYNOLDS**  
**CHAIR IN NEUROSURGERY**

The Division of Neurological Surgery of the Medical College of Virginia, Virginia Commonwealth University, invites applications for the position of Chair in Neurosurgery. The position is offered at the FULL PROFESSOR level. We seek an exceptional candidate pursuing research and academic approaches in areas related to the Division’s research interests, which include, but are not limited to, traumatic brain and spinal cord injury, central nervous system reorganization and repair, neuroscience, and vascular biology. The successful candidate is expected to conduct a vigorous research program, supported by extramural funding. Additionally, the Chair is expected to participate in the research training of the Division’s resident and graduate student populations. An M.D. and/or Ph.D. with Board certification with or without appointment at the rank of tenure-eligible professor are required. An attractive salary accompanies this endowed chair, with a generous start-up package available to the successful candidate.

Applicants should send a curriculum vitae and a statement of research interests along with the names, addresses, and telephone numbers of three references by no later than June 30, 1996, to:

**Chair of the Richard Roland Reynolds Chair Search Committee**  
Division of Neurological Surgery  
P.O. Box 980613
Richmond, VA 23298-0613

Virginia Commonwealth University is an Equal Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply.

**DIRECTOR OF TECHNOLOGY TRANSFER**

The University of Utah seeks a new DIRECTOR for its Office of Technology Transfer. The position reports to the Vice President for Research with primary responsibilities to: (1) identify, manage, and manage the intellectual property of the University of Utah; 2) administer the University’s Technology Transfer Office and personnel; and 3) interact with State and local community officials on economic development matters. The University of Utah is aggressively committed to the commercialization of technology, and is among the highest ranking U.S. institutions in patenting and licensing of technology. The University is also a national leader in related corporate start-up activities. The candidate should have an earned advanced degree in a relevant field. Experience in technology evaluation, commercialization, patentability analysis, business plan review, and technology license negotiations is required. Please submit a letter of application with a resume and names, addresses, and telephone numbers of three potential references to: Dr. Edward M. Eyring, Chair, Search Committee for Director, Office of Technology Transfer, University of Utah, 210 Park Building, Salt Lake City, UT 84112.

The University of Utah is an Equal Opportunity/Affirmative Action Employer. Applications from women and minorities are encouraged.

**EUNICE KENNEDY SHRIVER CENTER FOR MENTAL RETARDATION**

The Biomedical Sciences Division of the Shriver Center is seeking a scientist (Ph.D. or M.D.) to establish a high quality, basic and/or clinical related research program in neuroscience relevant to mental retardation and developmental disabilities. Applicants should be at the ASSISTANT/ASSOCIATE PROFESSOR level, with an independently funded research program. Expertise in modern cell and molecular biological approaches to development and neurobiology is required. Applicants should have a strong publication record in the area of research relevant to mental retardation and developmental disabilities. Experience in clinical research or in the area of genetics is desirable. The candidate will work closely with investigators in the Division and with the Department of Pediatrics at the University of Maryland and at other Departments at the University of Maryland.

The University of Maryland is an Affirmative Action/Equal Opportunity Employer. Women and minorities are encouraged to apply.

**ASSISTANT/ASSOCIATE RESEARCH PROFESSOR OF NEUROLOGY**

The Division of Neurology at The Children’s Hospital of Philadelphia and the Department of Neurology of the University of Pennsylvania are seeking an ASSISTANT/ASSOCIATE RESEARCH PROFESSOR OF NEUROLOGY with interest and proven expertise in the cellular and molecular biology of neurology, and with a track record of independent grant support. The candidate should be willing to establish an independent research program in this field, and to participate in collaborative projects with David Pleasure, M.D. and Judith Grinspan, M.D. Send resume, two reprints, and addresses of three referees familiar with your work to:

David E. Pleasure, M.D.  
514 Abramson Research Building  
Children’s Hospital of Philadelphia  
Philadelphia, PA 19104

The Children’s Hospital is an Equal Employment Opportunity/Affirmative Action Employer.

**ASSISTANT/ASSOCIATE PROFESSOR OF VEGETABLE SCIENCE**—Penn State—Pensylvania State University, a land grant institution and one of the largest, most comprehensive public universities in the U.S., seeks to fill a tenured-track position with an extension (75%) and research (25%) responsibility in vegetable crops. Applicants should have a Ph.D. in Vegetable Science, or a closely related discipline. The successful candidate will be expected to establish an independent research program in this field, and participate in collaborative projects with the Department of Horticulture. The starting date for this position is January 1, 1997. A Ph.D. in horticulture or related plant science discipline is required. Salary is competitive and commensurate with background and experience. Evaluation of applications will begin August 1, 1996 and continue until a suitable candidate is identified. Send a letter of application, resume, three letters of recommendation to: Dr. E. Jay Holcomb, Department of Horticulture, 103 Tyson Building, Box SCI, The Pennsylvania State University, University Park, PA 16802.

Women and minorities are encouraged to apply.

The Section of Cardiology, Department of Internal Medicine at Yale University, seeks an M.D. or M.D./Ph.D. investigator at the ASSISTANT/ASSOCIATE PROFESSOR level in the area of cardiovascular disease. The position is available immediately. The candidate will be expected to establish an independent research program in cardiovascular medicine. Applicants should have a strong publication record in this area, and be able to obtain extramural funding. The candidate will be expected to participate in a collaborative effort between the Department of Cardiology and the Cardiovascular Center of the Yale University School of Medicine. Women and minorities are encouraged to apply.

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TWO POSITIONS IN BIOLOGY
Ecologist/Environmental Biologist and Geneticist

The Department of Biology at the University of South Dakota seeks candidates for two anticipated nine-month tenure-track ASSISTANT PROFESSOR positions beginning in August 1996. Responsibilities include but are not limited to: (a) active research program, including directing M.A. and Ph.D. research projects; and teaching courses in fundamental through advanced aspects of biological sciences, with possible specialization in (i) plant biology, (ii) wildlife biology, or (iii) environmental biology. The Department of Biology at the University of South Dakota offers B.S., M.S., and Ph.D. degrees and is a member of the Council for Environmental Education. A Ph.D. in an appropriate field and teaching experience are required. A Ph.D. must be earned by July 1996. Salary is negotiable based on qualifications. Review of applications will begin 15 November 1995 and continue until the positions are filled. Applications are enthusiastically encouraged from women and minorities. Send letter of interest, curriculum vitae, statement of research interests, and three letters of recommendation to: Dr. Robert G. Vancil, Department of Biology, University of South Dakota, Vermillion, SD 57069-2300. This is an Equal Opportunity/Affirmative Action Employer.

POSITIONS OPEN

ASSISTANT TO EDITOR GENETICS

This person oversees production of the journal GENETICS, ensuring that final copy conforms to standards and that the pre-established publication schedule is met. Strong editorial and communications skills, background in life sciences, and publications experience required. Send resume and three letters of recommendation to: Editor-designate, Dr. John Swanson, Genet. Institute, Box 65, Carnegie Mellon University, 4400 Fifth Avenue, Pittsburgh, PA 15213. FAX: 412-268-7129. An Equal Opportunity/Affirmative Action Employer.

FACULTY POSITIONS

PHARMACEUTICS

College of Pharmacy
University of New Mexico

The College of Pharmacy at the University of New Mexico has two 12-month tenure-track Pharmacuetics faculty positions. The ASSOCIATE PROFESSOR rank is available August 1, 1996. The selected candidate will provide instruction in the Pharmacuetics sequence of the Professional Programs of the College of Pharmacy. Minimum requirements are a Ph.D. in pharmacuetics, a record of research, and evidence of the ability to provide instruction for B.S. and Pharm. D. students. Desirable characteristics include: (a) record of professional instruction in a professional curriculum; (b) a record of quality graduate instruction; (c) postdoctoral experience; and (d) evidence of the ability to develop and maintain an extramurally funded research program. The Department offers excellent opportunities for collaborative research within the College of Pharmacy, School of Medicine, Cancer Center, and other Schools. Review of applications will begin on June 10, 1996 and continue until the position is filled. Applicants should forward a letter of intent describing career goals, curriculum vitae, and three letters of recommendation to: Jerry L. Born, Ph.D., Chair, Pharmaceuitics Faculty Search Committee, College of Pharmacy, University of New Mexico, Albuquerque, NM 87131. Telephone: 505-277-5657; FAX: 505-277-5476; E-mail: born@hum.unm.edu. The University of New Mexico is an Equal Opportunity and Affirmative Action Employer.

RESEARCH SPECIALIST

Westvaco Corporation has a vacancy in the microorganism culture of hardwood tree species. Responsibilities include assisting in all phases of research. Applicants should possess a B.S. or M.S. degree in biology, botany, plant science, forestry, horticulture, or a closely related field. Familiarity with techniques in plant tissue culture/micropropagation is essential. Working experience with woody plants is helpful, but not required. Permanently residing within commuting distance of Charleston, S.C. Resume, college transcripts, and three letters of recommendation by July 15, 1996 to: Cindy L. McCord, Westvaco Corporation, Forest Research, P.O. Box 1979, Summerville, S.C. 29485. Application about this position, please contact Cindy McCord, Telephone: 803-851-4733; FAX: 803-875-7185; E-mail: cmccord@awod.com.

CLINICIAN SCIENTIST

Human Genetics Program

Geisinger Clinic, the Henry Hood Research Program, is seeking a recently trained PHYSICIAN in practice human genetics in the Pediatrics and Obstetrics/Gynecology divisions and to do laboratory research in molecular genetics. The database will be expanded and will be in the Clinical Research Program with up to 25% time devoted to clinical activities. This position is funded by an endowment. Research funds will include budgeted monies for supplies and technical support. Additional support can be obtained through grants. The Basic Research Program has evidence of growth and is actively recruiting other investigators in the areas of growth, cell cycle regulation, gene transcription, extracellular matrix proteins, and function of oncoproteins. Research may be conducted independently or collaboratively with members of the Basic Research Program. Successful candidates should have Board-certified/Board-eligible in the field of their clinical training. The Geisinger Medical Center is a 550 bed tertiary care and academic institution providing care for 2.5 million in eastern and central Pennsylvania. The Medical Center is located in Danville, Pennsylvania. You can enjoy the advantages of living in a small town with low crime rates, pleasant schools and affordable housing costs and still do research and practice medicine in a large urban style medical center. Please send your curriculum vitae along with all inquiries to: Howard E. Morgan, M.D., West Center, 100 North Academy Avenue, Danville, PA 17222-2601. FAX: 717-271-6701. Equal Opportunity Employer. Minority/Female/Disabled/Veteran.

DIRECTOR OF RESEARCH FACULTY POSITION

Department of Obstetrics and Gynecology is searching for anosti with biomedical, basic science background to direct, reside research at the Complex Research Program. Basic science, assist in direction of Research Programs, and develop collaborative programs within and outside the University. Send curriculum vitae, statement of research interest, and three letters of reference. Salary and rank commensurate with experience. Please send to: Carol A. Bergquist, M.D. Professor/Regional Chairman Tek University of Texas M.D. Anderson Cancer Center 800 West 4th Street. Odessa, TX 79763.

Texas Tech University Health Sciences Center is an Equal Opportunity/Affirmative Action Employer.

ASSOCIATE PROFESSOR

The Department of Veterinary Anatomy and Cell Biology is seeking a cell/molecular biologist for a TENURE-TRACK FACULTY position at the Associate Professor level. Applicant should have equivalent degree in a biological or biomedical science, postdoctoral experience, research background in cell/molecular biology, ability to teach a course in the professional curriculum, and teaching experience. Applications of reference mailing deadline is July 25, 1996, or until suitable candidate is found. Submit curriculum vitae; names, addresses, and telephone numbers of at least three references; and a summary of current research to: Dr. Gary Wise, Professor and Head, Department of Veterinary Anatomy and Cell Biology, School of Veterinary Medicine, Louisiana State University, Baton Rouge, LA 70803.

TWO POSTDOCTORAL POSITIONS

VANDERBILT UNIVERSITY

To study basic aspects of viral pathogenesis and vaccine development. One position will focus on how vac- cines and immune response to a single molecule affect the composition of immune responses in a murine model of respiratory syncytial virus. The other position will focus on basic aspects of HIV particle assembly and the evaluation of humanized small molecules to inhibit HIV-1. Applicants should have experience in molecular biology, virology, animal care, and cellular immunol- ogy. This is an Equal Opportunity/Affirmative Action Employer. Women and minorities are strongly encouraged to apply.

FACULTY POSITIONS

INSTITUTE OF HUMAN VIROLOGY

MEDICAL BIOTECHNOLOGY CENTER

University of Maryland Biotechnology Institute

Full-time, tenure-track FACULTY positions in the newly established Institute of Human Virology (IHV). Candidates are expected to have a Ph.D. and/or an M.D.; postdoctoral training; and a record of research excellence in cellular and molecular virology, molecular biology, gene transfer and expression, and pathogenesis of human virus infections. Applicants may apply in the areas of human viruses and immuno-deficiency, cancer, and other chronic diseases. Candidates should have an established record of research productivity, a potential to obtain funding. Joint appointments will be made in basic science or clinical departments at the University of Maryland at Baltimore. The IHV, established in 1995, fosters multidisciplinary research on human viral diseases. A very attractive package, including space in the new Medical Biotechnology Center research facility and start-up funds, is available. Applications of reference mailing deadline is January 15, 1996. Send letter of application, curriculum vitae, description of current and future research plans (up to three pages), and names and addresses of three references to: Dr. Robert C. Gallo, Institute of Human Virology, Medical Biotechnology Center, University of Maryland Biotechnology Institute, 725 West Lombard Street, Baltimore, MD 21201. The University of Maryland System is an Equal Opportunity/Affirmative Action Employer.

HEAD, DEPARTMENT OF PHYSIOLOGY AND PHARMACOLOGY

The College of Veterinary Medicine, The University of Georgia, invites applications and nominations for PROFESSOR and HEAD of the Department of Physiology and Pharmacology. Qualifications include the Ph.D. degree; preference will be given to applicants with the D.V.M. or equivalent degree. The candidate must have a nationally recognized record in teaching and research; administrative skills are desirable. The department emphasizes both traditional teaching, graduate education, and research in physiology, pharmacology, and toxicology, including participation in the university-wide toxicology program. Applicants, and applications, which should include a letter of intent describing career goals and the names of four references, should be sent to: Dr. James N. Moore, College of Veterinary Medicine, The University of Georgia, Athens, GA 30602. Telephone: 706-542-6200, FAX: 706-542-8853; Email: moorejv@vet.uga.edu. Applications received by September 1, 1996 are assured of full consideration. Starting date is negotiable. The University of Georgia is an Equal Opportunity/Affirmative Action Institution.

POSTDOCTORAL POSITIONS

INSTITUTE OF HUMAN VIROLOGY

MEDICAL BIOTECHNOLOGY CENTER

University of Maryland Biotechnology Institute

POSTDOCTORAL POSITIONS are available in the newly established Institute of Human Virology. Areas of study include cellular and molecular virology, molecular biology, gene transfer and expression, and protein biochemistry, especially as they apply to human viruses and immunity. Cancer is a special focus. Applicants should have a Ph.D. or M.D. degree and have basic research experience. Prior expertise in virology, immuno- biology, and basic cell biology would be desirable. This is an Equal Opportunity/Affirmative Action Employer. Women and minorities are strongly encouraged to apply. Applications of reference mailing deadline is January 15, 1996. Send letter of application, curriculum vitae, a summary of relevant experience, and names of three references to: Dr. Robert C. Gallo, Institute of Human Virology, Medical Biotechnology Center, University of Maryland Biotechnology Institute, 725 West Lombard Street, Baltimore, MD 21201. The University of Maryland System is an Equal Opportunity/Affirmative Action Employer.
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 employer.

Robert C. Byrd Health Sciences Center of West Virginia University
Director
Mary Babb Randolph Cancer Center

The West Virginia University School of Medicine is seeking a Director of the Mary Babb Randolph Cancer Center. The newly constructed cancer center contains state-of-the-art technology for the diagnosis and treatment of all forms of cancer, merging quality patient care with education, research, and outreach programs.

The position requires a demonstrated physician scientist with the ability to plan, develop, and implement programs critical for cancer center success. He/She must be Board-certified in a relevant medical specialty and have proven experience in academic medicine. He/She must be a strong, effective leader, both in process and style, and have an ability to incorporate leadership skills with a vision for the development of multidisciplinary cancer research, treatment, and outreach programs. The ability to interact effectively with faculty from all segments of the university, health care practitioners, elected state and public officials, and the lay public is required. The Director will have responsibility for and authority over all cancer center personnel, facilities, core services, equipment, and budgets, and will report directly to the Vice President for Health Sciences/Dean, School of Medicine.

The search will remain active until filled; however, those applications received by June 28, 1996 will be assured of consideration during the first cycle of review. Applicants should send curriculum vitae and names of three references to: Mathis P. Frick, M.D.
Chairman, Department of Radiology
P.O. Box 9235, WVU School of Medicine
Morgantown, WV 26506-9235

An Equal Opportunity/Affirmative Action Employer Women and minorities are encouraged to apply.
POSTDOCTORAL POSITION
University of Pennsylvania

POSTDOCTORAL POSITION available for an individual interested in the study of developmental control of karyotypic gene expression. Specific systems under study include activation of the human globin and human growth hormone gene clusters and stabilization of their encoded mRNA. In vivo, cell-based, and transgenic systems are being used to address various interactions which mediate both pre- and post-transcriptional controls. Qualified candidates should possess a Ph.D. in molecular biology or related field.

Please forward a curriculum vitae and the names and telephone numbers of three referees to: University of Pennsylvania School of Medicine, Department of Genetics, 425 Curie Boulevard, Philadelphia, PA 19104-6145, Equal Opportunity Employer.

Applications are invited for FOUR POSITIONS in the Center for Molecular Medicine and the Center for Research in Environmental Science and Toxicology at Clark Atlanta University in the following areas: virology, immunology, molecular biology, and cell biology. A Ph.D. degree with postdoctoral experience in one of the appropriate areas is required. The candidate is expected to develop an active research program and to pursue extramural research support, and is also expected to participate in undergraduate and graduate student training. Deadline for application is June 15, 1996. Submit curriculum vitae, three letters of reference, and description of research plan to: Dr. Jean a Stewart, Director, RCM Program, Clark Atlanta University, James P. Brawley Drive at Fair Street, SW, Atlanta, GA 30310. Fax: 404-448-2690. Underrepresented minorities and women are particularly encouraged to apply.

POSTDOCTORAL RESEARCH ASSOCIATE REGULATORY PEPTIDE SCIENCE

The appointee will join a group of chemists and biologists contributing to structure-activity relationships in selected peptides including tachykinins, gastrin, and growth factors, using cell culture, radioligand receptor binding, and molecular biology approaches. The position is open from July 1, 1996 and is renewable annually. The salary is $22,000 to $27,500 per annum together with University benefits. Applicants should supply a curriculum vitae and the names of three referees to: Dr. Richard F. Murphy, Chairman, Department of Biochemical Sciences, Creighton University, School of Medicine, 2500 California Plaza, Omaha, NE 68178. Fax: 402-280-2690. Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITION
University of Toronto

A position is available to study the pathogenesis of Creutzfeldt Jakob Disease, using transgenic and biochemical approaches. Candidates should have a Ph.D. or equivalent degree. The successful applicant will have a strong background in molecular genetics and the analysis of protein structure and function. Replies with curriculum vitae and three letters of reference should be sent to: Dr. David Westaway, Centre for Research in Neurodegenerative Diseases, Institute of Medical Science, University of Toronto, Toronto Medical Complex, 6 Queen’s Park, Cr., W., Toronto, Ontario MSS 3H2 Canada. FAX: 416-978-1878.

POSTDOCTORAL POSITION available immediately to study the regulation of tyrosine phosphorylation during T cell activation. Familiarity with molecular biology or basic biochemical techniques is required. Send curriculum vitae and the names of three referees to: Dr. Hanne Ostergaard, Department of Medical Microbiology and Immunology, 860 Medical Sciences Building, University of Alberta, Edmonton, Alberta T6G 2H7 Canada. FAX: 403-492-0368; Email: hanne.ostergaard@ualberta.ca.

POSTDOCTORAL POSITION available immediately to study the regulation of tyrosine phosphorylation during T cell activation. Familiarity with molecular biology or basic biochemical techniques is required. Send curriculum vitae and the names of three referees to: Dr. Hanne Ostergaard, Department of Medical Microbiology and Immunology, 860 Medical Sciences Building, University of Alberta, Edmonton, Alberta T6G 2H7 Canada. FAX: 403-492-0368; Email: hanne.ostergaard@ualberta.ca.

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KENDALL-MAYO FELLOWSHIP IN BIOCHEMISTRY

Mayo Foundation is now considering applications from highly qualified candidates for appointment as the Kendall-Mayo Fellow in Biochemistry. This nationally competitive award, in recognition of outstanding promise for a research career, will support up to two years of training with any of more than thirty-three internationally recognized staff investigators working in modern facilities with state-of-the-art instrumentation. Several research opportunities in biochemistry at Mayo exist. Interested applicants are directed to the Mayo Graduate School site on the World Wide Web (http://www.mayo.edu/mgs/mgsareas.html) for specific information on the research interests of Mayo faculty. Appointments may begin as early as July 1, 1997. Salary and benefits will be determined by the successful candidate's experience but will be competitive with the salaries offered by the best fellowships available nationally at the Postdoctoral/Research Associate level. There is also an attractive package of benefits and an institutional allowance to support travel to scientific meetings. Applicants should hold a doctoral degree in one of the life sciences or medicine with some research experience either in a formal graduate program or as a postdoctoral trainee. Applications for this program should include a curriculum vitae, bibliography, three letters of recommendation, and a statement of research interests and career goals, and should be submitted to Ms. Cheryl Nelson, Secretary, Personnel Subcommittee of the Research Committee, Mayo Foundation, Rochester, Minnesota 55905, by August 1, 1996.

Mayo Foundation is an affirmative action and equal opportunity educator and employer.

FELLOWSHIPS IN MOLECULAR NEURO-ONCOLOGY

Three 2-3 year fellowships in molecular neuro-oncology are offered for qualified M.D., Ph.D., and M.D./Ph.D. applicants interested in studying the molecular genetic and molecular biologic basis of central nervous system tumor development. Individuals receiving these appointments will participate in a multidisciplinary neuro-oncology program within the Mayo Cancer Center, Rochester, MN. Areas of potential investigation include receptor tyrosine kinase signal transduction, cell cycle regulation, mapping/identification of tumor suppressor genes, and investigation of the inherited basis of glial tumor development. Salary will be determined by the successful candidate's experience. There is also an attractive benefit package. Mayo Foundation is a non-profit, physician-led clinical practice integrated with education and research in a unified multi-campus system. Interested individuals should send copies of their curriculum vitae and three references to Dr. David James and Dr. Robert Jenkins, Division of Experimental Pathology, 9th Floor Hilton Building, Mayo Clinic and Foundation, Rochester, MN 55905.

Mayo Foundation is an affirmative action and equal opportunity educator and employer.
RESEARCH ASSOCIATE for university in central Ohio. Planning and conducting research on proteins secreted by the salivary glands of ticks; overexpressing proteins in eukaryotic and prokaryotic systems for use in bioassays to determine interactions and to elucidate tick feeding process; cloning and sequencing of genes that code for these proteins, using gel electrophoresis to separate proteins, and immunological probes (immunoblot- ting) to identify specific ones on the gels that ticks secrete during feeding; conducting in situ hybridizations to determine when these proteins are manufactured in tick salivary glands depending on feeding stage. Experience in bioassays (e.g., human placental, vascular smooth muscle, immunological cells) characterizing the multifaceted roles for glands, cell membranes, and evaluating research findings for critical comparison to pertinent scientific literature and for reporting results to granting agencies, publishing in books and journals; training and supervising research associates, assisting in preparing research manuscripts for present research results to peers. Master's in biochemistry or microbiology and one year of experience in above described duties or one year experience in biological research including the following techniques: recombinant DNA technology, protein purification (including use of automated systems), protein assays (quantitative and ac- tivity), electrophoresis and immunological detection techniques, and characterizing proteins, as well as cultur- ing cells in the laboratory (bacteria and/or tissue culture). One year of experience in this laboratory is preferred. May have been gained during or after required degree. 40 hours per week, 8 am to 5 pm, Monday through Friday.

$22,164.

POSTDOCTORAL FELLOW/ASSOCIATE for Department of Pediatrics, University of Cincinnati, Cincinnati, OH 45216.

POSTDOCTORAL POSITION Immediate opening to study protein targeting/trans- location into thylakoid membranes. Thylakoid proteins are imported into chloroplasts and then localized by several precursor-specific thylakoid pathways that employ distinct targeting signals and translocation components (e.g., Science, 267:424, 1995; PLoS. USA, 92:3789-3793, 1995). Biochemical and molecular biological expertise is required. Send curriculum vitae and three letters of reference to Kenneth Citrin, Horri- cultural Sciences Box 110690, University of Florida, Gainesville, FL 32611. Email: kcc@icb.ifas.ufl.edu.

POSTDOCTORAL POSITION Genetic Determinants of Protein Structure A POSTDOCTORAL position is available for a ge- netically interested student in the principles of protein structure, using the lysyme of bacteriophage T4. Techniques include directed and random mutagenesis, PCR, protein production and purification, characterization of stability and avidity properties, Keptin, et al. PhD. in genetics, biochemistry, microbiology, or biochemistry. Send curriculum vitae, summary of research interests, and names of three references to James Poteroff, Molecular Genetics and Microbiology Department, University of Massachusetts Medical Center, 55 Lake Avenue North, Worcester, MA 01655.

POSTDOCTORAL FELLOW/ASSOCIATE RE- SEARcH SCIENTIST. Position available for a Ph.D. to study the molecular biology of parathyroid hormone-related protein receptors. Experience with molecular bi- ology and X-ray crystallography is required. Salary commensurate with experience. Please send letter de- scribing research interests, curriculum vitae, and names of three references to Dr. Joseph Sala, Yale University School of Medicine, 333 Cedar Street, P.O. Box 208020, New Haven, CT 06520-8020. Yale is an Affirmative Action/Equal Opportunity Employer.

POSTDOCTORAL POSITION to examine glu- tathione-regulated cellular defense mechanisms against electrophilic compounds and heavy metals. Experience with membrane protein isolation or DNA cloning is desirable. U.S. citizenship or permanent resident status is require- d. Salary commensurate with experience. Send letter des- cribing research interests, curriculum vitae, and names of three references to Dr. Ned Ballatori, Department of Environmental Medicine, Veterans Administration Medical Center, Rochester, NY 14623. Email: ballatori@vemmed.rochester.edu. Equal Opportunity/ Affirmative Action Employer.

POSTDOCTORAL RESEARCH FELLOW (PCR) with experience in molecular biology or immunology and retrieval of nucleic acid molecules, specifically with restriction gene, mutations, or antiviral resistance. Position available immedi- ately for at least two years. Salary range based on Univer- sity of California System. Send curriculum vitae with a list of three references to Stephen A. Spector, M.D., Profes- sor, Department of Pediatrics & Center for Molecular Genetics, UCSD, 9500 Gilman Drive, La Jolla, CA 92093-0672. Equal Opportunity/ Affirmative Action Employer.
INVESTIGATOR

Protein Biochemistry

SmithKline Beecham is recognized as a global innovator in drug discovery and development. We are currently seeking a skilled Investigator with expert knowledge in the area of Protein Biochemistry. This individual will be a core contributor in laboratory and library research, with responsibility for creating a collaborative network of individuals dedicated to identifying drug discovery research initiatives. Responsibilities also include providing protein biochemistry expertise, defining molecular targets and/or new technical approaches, and initiating/promoting exploratory research and feasibility studies.

Qualified candidates will possess a PhD in Biochemistry, Biorganic Chemistry, Enzymology, Protein Biochemistry or related field, and at least one postdoctoral experience with published results. Graduate work must also be published, demonstrating strong theoretical and practical knowledge. Superior scientific presentation skills are equally essential, along with knowledge of computer-based scientific applications.

Located in our state-of-the-art research facility in suburban Philadelphia, SmithKline Beecham offers a competitive compensation/benefits/relocation package. For confidential consideration, please send resume and salary requirements to: SmithKline Beecham Pharmaceuticals, Job Code H6-0168, P.O. Box 2845, Bala Cynwyd, PA 19004. We are an Equal Opportunity Employer, M/F/D/V.

SB
SmithKline Beecham Pharmaceuticals
Challenging the natural limits.

SENior Scientist
Analytical Biochemistry

NeXstar Pharmaceuticals, Inc. is a growing biotechnology company, headquartered in Boulder, CO. Dedicated to the design, development and manufacture of novel therapeutic agents, we are seeking an energetic and focused individual to join our scientific team.

Our current opportunity is for a Senior Scientist interested in developing analytical methods to evaluate clinically-useful oligonucleotides. To be successful in this position, you will need a strong understanding of methods used to characterize biopolymers. In addition, you will need a working understanding of drug delivery and synthetic chemistry issues. Finally, excellent communication skills and the ability to work in a team environment are essential. We anticipate that qualified individuals will have a Ph.D. in analytical chemistry or related pharmaceutical sciences, and at least three years of industrial or postdoctoral experience.

In addition to being part of a growing and exciting company you will have the advantage of living in Boulder, CO, lauded for its scenic beauty, healthy lifestyle and superior educational standards. We value employee ideas and reward efforts with competitive salaries and excellent benefits. If you are interested please send your c.v. to:
NeXstar Pharmaceuticals, Inc.
Attn: PM, Position #249
2860 Wilderness Place
Boulder, CO 80301
EOE

NeXstar Pharmaceuticals, Inc.

Genentech is a pace-setting biotechnology company that discovers, manufactures and markets human pharmaceuticals for significant unmet medical needs. Our product pipeline is the richest in the industry and we are the only biotech company with five marketed products. To continue our record of success, we are seeking a Scientist to develop processes for recombinant protein therapeutics.

Your work will involve small scale collaborations with research in the initial discovery of promising proteins, and the recovery development and manufacturing implementation of GMP processes. Documentation of this work in publications, internal reports, patents, and regulatory submissions is key. We seek a team player able to function effectively both leading direct reports and collaborating with other colleagues.

This opportunity requires a PhD or equivalent work experience in Biochemistry, Chemistry, Chemical Engineering, Biology or a related field. Knowledge of protein chemistry (structural and analytical), liquid chromatography and filtration is essential, industrial experience in process recovery and strong leadership skills are highly desirable.

Join us and enjoy our exciting success and progressive benefits package that includes free health club membership, 3 weeks paid vacation, 6 weeks sabbatical after 5 years, fully paid medical/dental/vision coverage, and Company stock purchase opportunities for full time employees. For consideration, send your resume to Genentech, Inc., Human Resources Dept. MC3B, 460 St. San Bruno Blvd., South San Francisco, CA 94080. We value creativity at Genentech, but our scanning equipment does not. Please avoid bold, underline or italic type faces. You may also e-mail your resume indicating Dept. code to: jobs@gene.com (ASCII files only with a maximum line width of 76 characters).

Find out more about Genentech at http://www.gene.com/. Genentech is an Equal Opportunity Employer. We value the contributions of our diverse workforce.

Genentech, Inc.

When commitment and collaboration come together, anything is possible.

Working for a company that's as committed to people as it is progress is inspiring. Lilly is such a company, known not only for its innovative care solutions, but also for its pronounced effort to support individual achievement. By working together, we work better, helping the world manage disease and illness. So join us, and achieve everything you thought possible - and some things you never even imagined.

We offer an excellent salary, comprehensive benefits and the chance to advance with a global leader. For confidential consideration, please submit resume and cover letter suitable for scanning and the names and addresses of three individuals able to provide research/relevant evaluations to: Eli Lilly and Company, Scientific Recruitment. Reference: ADSCB105, Lilly Corporate Center, Indianapolis, IN 46285. Resumes must be received by July 1, 1996. We are an equal opportunity employer dedicated to diversity and the strength it brings to the workplace.

For other job opportunities, please access our Job Bank at: http://www.lilly.com or phone our Jobline: 1-800-892-9121

And everything is achieved.

Eli Lilly and Company

MS Pharmacist

Lilly Research Laboratories has a position available for an individual to study the pharmacology of vascular stroke. An MS in pharmacology is required with 3-5 years of research experience. Proven skill in setting up models of stroke is desirable, as is the ability to understand and carry out biochemical assays. The successful candidate will have knowledge of in vivo pharmacological experiments, in vitro smooth muscle studies and histological methods.

And everything is achieved.

Eli Lilly and Company

Knowledge is powerful medicine
FACULTY APPOINTMENTS
Institute for Gene Therapy and Molecular Medicine

The Mount Sinai School of Medicine in New York City is a world leader in medical education, research and patient care. Our Institute for Gene Therapy and Molecular Medicine is a strong example of faculty collaboration and our commitment to excellence. We seek outstanding faculty members with specific expertise and a broad range of experience for various ranks of tenured or tenure-track appointments in the following areas:

**Cellular, Humoral and Tumor Immunology**
Mechanistic studies of antigen processing and presentation, tumor antigen identification and characterization, T, B and NK cell activation and expansion, as well as immune memory and immune tolerance at the cellular and molecular levels.

**Stem Cell Biology and Differentiation**
Mechanistic studies in hematopoiesis, liver regeneration, muscle and skin development, intestinal epithelial stem cells and neuronal progenitors at the cellular and molecular levels.

**Molecular Virology**
Mechanistic studies in the molecular biology and genetics of mammalian viruses that can potentially be developed into novel recombinant vectors for gene transfer.

**Biology of Macromolecular Uptake and Intracellular Transport**
Mechanistic studies in synthetic chemistry and molecular biophysics for peptide or lipid-mediated transfer of nucleic acids into target tissues in vivo, the subcellular organelle transport of macromolecules and nuclear translocation.

The successful candidates must have a Ph.D. and/or M.D. degree with a track record of publications in quality peer-reviewed journals in the respective disciplines.

Interested candidates should send a current curriculum vitae and bibliography, plus a short description of past accomplishments, future research interests, and three letters of recommendation to: Dr. Savio L.C. Woo, M.D., Professor and Director Designate, Institute for Gene Therapy and Molecular Medicine, Box 1496, Mount Sinai School of Medicine, One Gustave L. Levy Place, NY, NY 10029-6574. EOE.

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**ZYMOGENETICS**

Scientist - Genomic Cloning

ZYMOGENETICS, a Seattle based biotechnology company located in the historic Lake Union Steam Plant, is looking for a Genomic Cloning Scientist.

The Molecular and Cellular Biology Department currently has an opening at the Scientist/Sr. Scientist level for a genomic cloning specialist. The position will involve development of at least three overlapping genomics technologies with the aim of integrating knowledge of genomic locus information with expression cloning. Specifically, the technologies developed by the successful candidate will include: (1) efficient exon trapping from YAC clones representing genetic loci of interest and coordination of sequencing trapped exons with external genomics partners; (2) identification of mRNAs from specific tissue sources which can be trapped by physical hybridization to immobilized YAC clones representing disease-associated loci; and (3) efficient cloning of functional activities by introducing cosmids libraries into factor-dependent target host lines and rescuing genes which encode functional activities.

This position requires a Ph.D. in a relevant Genetics/Molecular Biology discipline and at least 2-3 years of post-graduate training relevant to the techniques outlined above.

As a subsidiary of Novo Nordisk A/S, the world's largest manufacturer of insulin, ZYMOGENETICS offers an exciting environment characteristic of a small research and development company, along with the scope and stability of a large pharmaceutical corporation. We also offer intellectual challenge, state-of-the-art facilities and a generous benefits package. Please apply by sending your resume or CV, noting reference number 13R196 to: ZYMOGENETICS, 1201 Eastlake Avenue East, Seattle, WA 98102. ZYMOGENETICS is committed to Equal Opportunity and Diversity.

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**SIBIA Neurosciences, Inc.**

is expanding its interdisciplinary research and development on therapeutics for diseases and disorders of the central nervous system. We have established an impressive record in the development of innovative technologies integral to the field of neuroscience and the biopharmaceutical industry. We are now seeking experienced Scientists to support our drug discovery and development efforts for the neuro-pharmaceuticals of the future.

**DIRECTOR OF DRUG DEVELOPMENT**

In this key role, the selected candidate will be responsible for project management; preclinical and clinical studies and reporting; interaction with CROs, consultants and regulatory agencies; and preparation of INDs. Qualifications include 10+ years’ drug development experience in the pharmaceutical industry, and a successful track record in preparing and presenting INDs for submission to the FDA, preferably for novel therapeutic agents in the CNS area. Experience working with the FDA, consultants and CROs required. Background in toxicology or ADM/P advantageous.

**COGNITIVE BEHAVIOR RESEARCH SCIENTIST**

This candidate should have a Ph.D. with up to 5 years of postdoctoral experience as a behavioral pharmacologist with expertise in the field of cognitive behavior to join a team consisting of 1 Ph.D.-level scientist and 3 assistants. The position entails the development of rodent models of attention and learning/memory for the screening of novel nicotinic receptor agonists. Extensive experience in cognitive behavior and neuroanatomy in rodents is required. Knowledge of operant behavior is a plus.

Located on San Diego’s beautiful La Jolla coastline, SIBIA Neurosciences offers not only a challenging environment in an aesthetically pleasing setting, but also a competitive salary and benefits package. To apply, please send your C.V. and the names of 3 references to: Lynn Alba, Director of Human Resources, SIBIA Neurosciences, Inc., 505 Coast Blvd., South, Ste. 300, La Jolla, CA 92037, FAX (619) 452-9279, e-mail SIBIA@cerfnet.com. EOE.
**Global Career Opportunities**

**Kuwait University Faculty of Science**

The Faculty of Science at Kuwait University seeks qualified candidates in marine sciences (marine chemistry, marine geology, marine biology/invertebrates, marine plants/oceanography) with a strong commitment to high quality teaching and research for appointment to the positions of Full Professor, Associate Professor, and Lecturer.

**Required qualifications:**
- Ph.D. or its equivalent, in the required area
- Research experience and publications
- University teaching experience
- Excellent knowledge of English

Kuwait University offers:
- **TAX FREE SALARY**
  Approximate total salary range as follows, depending on the years of experience and number of accompanying dependents (spouse and children under the age of 18). (1 K.D. is approximately $3.5 U.S.)
  - Full Professor: 1310—1470 K.D. monthly
  - Associate Professor: 1115—1275 K.D. monthly
  - Lecturer: 827—987 K.D. monthly
- Fringe benefits include: furnished air-conditioned accommodations or house allowance, annual air tickets, free National Health Medical Care, paid mid-term holidays and summer vacations, and gratuity.
- New appointees can apply for financial support for research projects.
- Excellent academic environment.
- Contracts are effective from September, 1997 for a 2-year initial period.

Applications should be accompanied by:
- A complete C.V. with mailing address, telephone and fax number, and e-mail address. Also include: academic qualifications, teaching experience, research and professional/work experience, list of publications in professional journals, and copies of 5 recent papers in the area of interest.
- Names and addresses of 3 references who are well acquainted with the academic and professional work of the applicant.
- All documents must be in English or translated into English.
- Photocopies of passport pages of applicant and accompanying dependents, including pages containing photos, personal data, names of other persons listed on the same passport, the place and date of issue, and expiration date, must be provided.
- For appointment to the position of Lecturer, a very good academic performance in the B.Sc. is required (minimum 3.0 GPA out of 4.0).
- Please send copies of all transcripts.

Applications may be obtained from:
- Embassy of the State of Kuwait
- Kuwait University Office
- 3500 International Drive, NW
- Washington, DC 20008
- U.S.A.
- Tel: 202-363-8055

Applications and supporting documents should be sent by express mail/courier service to:
- The Dean
- Kuwait University, P.O. Box 5969
- Safat, 13060, Kuwait

For inquiries use:
- Fax: 011-965-483-6127
- E-mail: sinno@kuco1.kuniv.edu.kw

Closing date for receipt of applications is September 30, 1996.
Molecular Biology/Bioinformatics

Astra is a pharmaceutical company in a phase of rapid growth. Operations, which are highly international, encompass research, production and marketing of pharmaceuticals through subsidiaries and agents and licenses around the world. The Group has approximately 17,000 employees, of whom 6000 are in Sweden. Sales in 1995 totalled 7 billion Canadian dollars.

Astra Pain Control in Sweden is a research company within the Astra Group with about 270 employees. Its products dominate the world market for local anesthetics.

The company has recently established a research and development centre in Montreal, a division of Astra Pharma Inc. Canada, and is actively recruiting for the following position:

Applications are invited for a 2 year post-doctoral position in the Department of Molecular Biology of Astra Pain Research Unit, Montreal.

We are looking for a Ph.D. level molecular biologist or biochemist with special interest in gene cloning. A background in bioinformatics is essential.

Practical experience of any of the following would be desirable: management of sequence databases, data mining techniques or development of software tools. We expect that the candidate will implement and develop biocomputing tools to facilitate the discovery of novel genes involved in neuronal control of pain perception.

Astra offers a professional work environment to the successful candidate. If you are motivated by the challenges of this position, please send your résumé, quoting reference BH-MB, to: Astra Pharma Inc., Human Resources Dept., 1004 Middlelegate Road, Mississauga, Ont. L4Y 1M4. Fax: (905) 275-2950.

We thank all applicants for their interest, however, only those being considered will be contacted.

No telephone enquiries or agencies, please.

An Equal Opportunity Employer.

DEAN OF THE MEDICAL SCHOOL
The University of Michigan
Ann Arbor, MI

The University of Michigan is currently engaged in selecting a Dean of the Medical School. The Dean is the chief academic and administrative officer of the School. The Search Advisory Committee is seeking nominations of physician leaders with distinguished records of achievement and the highest qualities of intellect and character. The committee will begin examining nominations on August 1, 1996.

Please send nominations and applications to:

Max S. Wicha, M.D.
Chair, Medical School Dean Search Advisory Committee
The University of Michigan
503 Thompson Street
3088 Fleming Building
Ann Arbor, Michigan 48109-1340

The University of Michigan is an equal opportunity/affirmative action employer, and actively seeks and encourages expressions of interest from minority and female candidates.

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 Pharmacology Group at our state-of-the-art facility in Boulder, Colorado.

Ph.D Level Scientist

Candidate must have 2-5 years of post-graduate experience in the area of in vivo pharmacokinetic modeling. Specific experience in the area of oligonucleotide pharmacokinetics is preferred. The position requires the ability to interact with a diverse group of scientists across several disciplines including pharmacology, drug delivery, oligonucleotide chemistry, and cell biology. Please refer to Job #0965.

RPI offers 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
Job #096S
Boulder, CO 80301
FAX: (303) 449-6995
E-mail: jobs@rpi.com

RPI is an equal opportunity employer. No phone calls accepted.
Phytotech
Research Director

Phytotech, Inc. is a developmental stage environmental biotechnology company that is pioneering the use of plants for the treatment and removal of hazardous waste. Phytotech is seeking an experienced R&D director to oversee the scientific development of the company ranging from basic research through field trials.

The Director of Research will be responsible for supervising research on the uptake and translocation of heavy metals from soils and water. This will encompass directing a multidisciplinary group of scientists and engineers in applied aspects of soil chemistry, engineering modeling, plant physiology, agronomy, and molecular biology. The Research Director will also supervise field trials of soil and water treatment by plants. This demanding position requires a Ph.D. in either plant biology, soil chemistry, environmental engineering, or a related discipline; 10+ years of experience in research; and 5+ years of research management experience. Prior experience supervising field trials is a plus.

Please send your c.v. to: Research Director Search Committee, Phytotech, Inc., 1 Deer Park Drive, Suite I, Monmouth Junction, NJ 08852. FAX: (908) 438-1209.

As a large pharmaceutical company well established at an international level, our success depends upon the dynamism of our research directed towards the discovery of novel drugs. The objective of our well-situated new Research Centre, located in the outskirts of Paris, is to define the causes and to elaborate novel therapies for the treatment of central nervous system disorders.

We seek to recruit:

BEHAVIOURAL PHARMACOLOGIST

Within our Psychopharmacology Department, the successful candidate will be responsible for initiating and developing behavioural studies aimed at the evaluation of the activity of novel compounds.

A high degree of professionalism and enthusiasm demonstrated in the leadership of a small research team is expected. Holding a PhD and possessing thorough post-doctoral experience, applicants should be familiar with operant techniques and behavioural models of anxiety, depression and/or schizophrenia. Experience with computer programs used in pharmacological data analysis would be desirable.

NEUROCHEMIST

Within a high-level multidisciplinary team, the successful candidate will be involved in a broad research program in neurodegenerative diseases. The incumbent will conduct neurochemical studies applied to models of neurodegeneration. Duties include the technical responsibility of a small research team. Applicants should have a PhD with a strong background in neurochemistry. Extensive HPLC experience is required. A practical experience in central nervous system pharmacology would be an asset.

To apply, please send your curriculum vitae with handwritten letter quoting the appropriate reference to Media System, 6, impasse des Deux Cousins, 75849 Paris Cedex 17, FRANCE.
**MARINE STEWARDSHIP COUNCIL**

**PROJECT MANAGER**

**Salary commensurate with experience**

**UK Based (Initially)**

World fish stocks are in serious trouble. Fish have never been more popular as seafood, nor more threatened as marine wildlife. Nearly everywhere, fisheries that have sustained coastal communities for generations are in serious decline. Indiscriminate fishing practices kill and waste vast amounts of fish and other marine life annually.

The World Wide Fund for Nature (WWF) and Unilever plc/NV have formed a conservation partnership to help reverse this crisis. The two organisations have different motivations, but a shared objective: to ensure the long-term viability of global fish populations and the health of the marine ecosystems on which they depend. Unilever has also pledged to source their fishery products only from sustainable, well-managed fisheries by 2005. Others have followed suit.

WWF and Unilever are working together to create an independent nonprofit Marine Stewardship Council (MSC). Following extensive consultations, the MSC will establish a broad set of principles for sustainable fishing and set standards for individual fisheries. By 1998, products from MSC-certified fisheries will be marked with an on-pack logo. This will allow seafood consumers and retailers to select fish products they know come from sustainable sources.

Unilever and WWF are now seeking to recruit an outstanding individual to manage the development and consultation process with the opportunity of becoming the first Chief Executive of the Marine Stewardship Council when the organisation is formally created in 1997.

Candidates will need to be enthusiastic advocates, able to approach the diverse interests involved in the endeavour with diplomacy and tact. They must be able to demonstrate:

- The ability to lead, inspire, and motivate all those involved in the project.
- Experience in working with a wide range of people, including consultants, scientists, environmentalists, government officials, and business leaders worldwide.
- Excellent communication and interpersonal skills.
- Practical creativity and entrepreneurial flair.

A knowledge of marine fisheries issues would be helpful but is not required. A willingness to advocate new and radically different approaches to complex issues is vital. Language skills would be an asset.

To express your interest in this appointment please apply in strict confidence by sending your CV (with details of relevant experience, remuneration, address, telephone numbers, and E-mail address), quoting Ref: PWFB to Peter Drew at Saxton Bamfylde International plc, PO Box 198, Guildford, GU1 4FH, UK (fax 01483 30 30 29) to arrive not later than 14 June 1996. We will contact you by 8 July.

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**MRI**

**KLINIKUM RECHTS DER ISAR**
**DER TECHNISCHEN UNIVERSITÄT MÜNCHEN**

**Technical University Munich**

**Institutes for Experimental Surgery and Pathology**

**Gene Therapy Program**

Various positions are available for applicants with Ph.D. and strong background in molecular biology and immunotherapy of cancer. Applicants must have demonstrated previous ability through 2-3 years of postdoctoral experience, with publications in the field.

- Positions for scientists at the postdoctoral and senior scientist level are open. Successful candidates will work on the development of new strategies for gene transfer into various cell types toward the applications of gene therapy. Experience in viral transfer technology (including retroviral and adenoviral) is highly desirable, although not essential.
- A position at the postdoctoral or senior scientist level is open for the successful candidate with experience in molecular biology and immunotherapy of cancer to work on a newly discovered gene that is involved in stomach cancer. Antibodies have been raised against this gene product. Experience in molecular biology, immunotherapy of cancer, and antibody radiolabeling for therapeutic approaches is highly desirable.

Candidates should have a Ph.D. degree with a proven record of research in these fields and an interest in gene therapy. Applicants should send their curriculum vitae, a 1-page summary of their research interests, and the names of three references to:

Univ. Prof. Dr. med. Bernd Gänssbacher
Director, Institute of Experimental Surgery
Technical University Munich
Ismaninger Str. 22
81675 München, Germany

**Univ. Prof. Dr. med. Heinz Höfler**
Director, Institute of Pathology

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**Large Scale Facility for Marine Pelagic Food Chain Research**

Scientists are invited to apply for access to the "Large Scale Facility for Marine Pelagic Food Chain Research" at the University of Bergen (UoB) and the Institute of Marine Research (IMR) in Bergen, Norway. The facility offers unique opportunities for research within planktonic food chain dynamics, early life history of fish, and pelagic fish aquaculture, and environmental health. Visiting scientists under the project can make use of installations at UoB and IMR either by participating in ongoing research in Bergen or by initiating and proposing new projects. Access to this facility is supported by the European Union under the Access to Large Scale Facilities Activity of the Training and Mobility of Researchers Program (TMR). Only research teams conducting their research in the Member States of the Union and Associated States are eligible to benefit under the present project. Proposals will be selected on the basis of scientific merit through an independent peer review procedure. Access to the facility will be provided free of charge for a maximum of three months and will include all infrastructural, logistical, technical, and scientific support that is normally provided to external users. Travel and subsistence expenses may be reimbursed. For projects starting between September 1 and December 31 this year, the closing date for proposals will be August 1. For projects starting in 1997, the closing date for proposals will be November 1. Application forms and additional information can be obtained at the Internet:

http://www.uib.no/elin/lsf/

or from: Bergen LSF
Department of Fisheries and Marine Biology
HIB, N-5020 Bergen, Norway
phone: +47 55 58 44 00  fax: +47 55 58 44 50
E-mail: lsf@ifm.uib.no
Research Scientist

Dr. Karl Thomae GmbH is a subsidiary of Boehringer Ingelheim responsible for the discovery and development of new and innovative therapeutics.

We have an opportunity for a highly qualified scientist. As a member of our metabolic disease research team you are involved in the discovery and development of new drugs in the field of obesity treatment. The position involves leading a biochemical/pharmacological research laboratory and requires a MD or Ph.D. with postdoctoral experience and training in metabolic diseases. A good knowledge of physiology as well as experience with in vivo models are required. Skills in cell culture and molecular biology methods would also be advantageous.

Since the successful candidate will interact with different subsidiaries of an internationally active company or with foreign academic institutions, fluency in English is required.

We offer a competitive salary accompanied by a full range of benefits. Biberach is situated in Southern Germany between Ulm and Lake Constance, in an attractive area with numerous recreational opportunities.

Please send your application including a detailed CV and a description of your previous research activities to:

Dr. Karl Thomae GmbH
Personalbetreuung
Forschung + Entwicklung
88397 Biberach an der Riss

University of Otago
Te Whare Wananga o Otago
New Zealand

Professor of Physiology

Applications are invited from candidates with a strong record of research and academic leadership in Physiology for appointment to a Chair in Physiology, School of Medical Sciences.

The Department belongs within the School of Medical Sciences in the Faculty of Medicine of the University of Otago. It is the largest Physiology Department in New Zealand and the successful applicant will hold the second Chair in the Department. The Department teaches physiology to both undergraduate and postgraduate students in the Health Sciences (Medicine, Dentistry, Pharmacy, Physiotherapy) and the Division of Science.

The applicant will be expected to provide academic leadership in an active programme of research. The present research interests of the Department are in the fields of neurophysiology, developmental biology, cardiorespiratory physiology, epithelial transport (with emphasis on gut and kidney), cell volume regulation and molecular endocrinology.

The position is open to both medically qualified and non-medically qualified applicants.

Further particulars are available from the Director, Personnel Services, (Fax 64-3-474 1607, Email laurie.hibbert@stonebow.otago.ac.nz), Information about the University of Otago and the Department of Physiology is available on the Internet at http://www.otago.ac.nz/Physiology/TitlePage.html.

Applications should send two copies of their curriculum vitae together with the names, addresses and fax numbers of three referees, to the Director, Personnel Services, University of Otago, PO Box 56, Dunedin, New Zealand (fax 64-3-474 1607) by 28 June 1996. Applications should quote reference number A96/37. Whanau support is welcome at interview.

Equal opportunity in employment is University policy.

The University of Newcastle

Chair of Biological Sciences
Faculty of Science and Mathematics

(POSITION NO. A104/96)

Applications are invited from distinguished scholars with a strong teaching record, and with a strong ongoing record of internationally recognised research, for the Chair of Biological Sciences.

The main research areas are in reproductive biology, particularly marsupials, the physiology and molecular biology of plants and environmental biology and ecology. The Department is a member of the CRC for Conservation and Management of Marsupials and is served by a glasshouse, animal house, electron microscope and DNA sequencing facilities.

Teaching is in the Bachelor of Science and Bachelor of Environmental Science within the Faculty of Science and Mathematics and a Bachelor of Science (Biotechnology) in conjunction with the Faculty of Medicine and Health Sciences is planned to commence in 1997. The Department has well developed postgraduate programs.

Further information on the selection criteria for the position is available from the Human Resource Management Branch, telephone (61 49) 21 7082.

SALARY

A$81,780 per annum. Compulsory contributory superannuation is a condition of employment. A Professor enjoys a right of limited private practice.

GENERAL

Further information regarding academic matters and teaching duties for the position may be obtained from Professor David Finlay, Dean of the Faculty on (61 49) 21 5560 or Fax (61 49) 21 6914. The University reserves the right to appoint by invitation.

Applications (submit original plus 3 copies) close 1 July, 1996

GENERAL INFORMATION

For information on employment conditions, telephone the Human Resource Management Branch on (61 49) 21 7082 Fax (61 49) 21 5206.

Written applications must quote the position number; address all selection criteria; provide details of qualifications and experience, and the names, addresses, phone and fax numbers of three referees; and be forwarded to:

Human Resource Management Branch, The University of Newcastle, NSW, 2308

The University is an Equal Opportunity Employer and has a policy of no smoking in the workplace.
POSITIONS OPEN

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