**Portable pH meter.** The Wheaton Portable pH Meter has a range of 0-14.00 pH and an accuracy of ± 0.01 pH. It operates on either line current, or one 9V alkaline battery. A carrying case, battery, and AC/DC adapter are supplied with the Portable pH meter along with one container each of 4.00 pH buffer, 7.00 pH buffer, and distilled water. Also included is an electrode holder and polymer body gel-filled combination electrode with BNC connector.

The complete kit weighs 4 lbs and measures 12 ¾" W x 3 ½" D x 10 ½" H in the case. Wheaton Instruments, 1301 N. Tenth St., Millville, NJ 08332, USA. Telephone 609-825-1400. Circle 50 on Reader Service Card.

**DB-23 column for gas chromatography.** DB-23 capillary column, a polar stationary phase consisting of 50% cyanopropyl on a proprietary polysiloxane backbone. This proprietary stationary phase exhibits more complete cross-linking and higher thermal stability than conventional cyanopropyl phases. DB-23 is used for the separation of both cis/trans isomers of fatty acid methyl esters (FAMES) and positional isomers. It is stable to 250°C and can be temperature-programmed to 260°C. DB-23's lower limit of 40°C enables it to be used for analysis of volatile compounds such as pollutants and solvents. Its cross-linked, surface-bonded structure allows columns contaminated by "dirty" samples to be solvent-rinsed and completely rejuvenated. J. & W Scientific, 91 Blue Ravine Rd., Folsom, CA 95630, USA. Telephone 916-985-7888. Circle 64 on Reader Service Card.

**Automated cryopreservation of cells.** The Cryomatic Cellevator is a simple instrument designed to fit on all liquid nitrogen tanks. It has a 2-inch neck diameter for consistent, automated cryopreservation of cells. Place the cryovials on the sample tray of the Cryomatic, place the unit in the liquid nitrogen tank, and turn it on. Your cells will be frozen at one degree per minute for excellent viability and recovery. This instrument requires so little electricity it can be operated by a rechargeable battery pack. L.A.O. Enterprises, 19212 Orbit Dr., Gaithersburg, MD 20879, USA. Telephone 301-948-4988. Circle 71 on Reader Service Card.

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*This section is published as a service to our readers and is not intended as an endorsement or approval of any product mentioned.*
Immunohistochemical staining kits. Immunohistochemical staining kits for alkaline phosphatase or horse-radish peroxidase reporter systems offer two color combinations of reagents for use in alkaline phosphatase systems and horseradish peroxidase systems. The kits are designed for the precise localization of enzyme activity using a highly chromogenic dye. The nuclear counterstain produces sharp morphological detail with strong image contrast. The high signal-to-noise ratio makes this the ideal system for staining frozen and paraffin-embedded tissues and other cellular preparations. The kits contain chromogen solution, activator solution, buffered substrate solution, counterstain, and a detailed protocol. The kit comes with sufficient reagent for staining approximately 1000 slides. Kirkegaard & Perry, 2 Cessna Ct., Gaithersburg, MD 20879, USA. Telephone 301-948-7755. Circle 56 on Reader Service Card.

Magnetic particles for immunoassays and DNA probes. Bangs Laboratories announces immediate availability of a variety of magnetite-containing polystyrene particles suitable for immunoassays and DNA probe analysis. The particles have a hybrid carboxylic acid/polystyrene surface for adsorption or covalent coupling of proteins or other ligands. The particles' small size gives a large specific surface area and permits them to remain dispersed for hours in the absence of a magnetic field. Magnetite concentrations up to 60% permit fast clearing of suspensions with a magnet. Four combinations of diameter and magnetite concentration offer flexibility in choice of settling velocity, magnetic response time, and surface chemistries. The particles are super-paramagnetic (i.e., they respond to a magnetic field but have no magnetic remanence). They will be attracted to a magnet but after removal of the magnetic field they will not remain magnetic themselves and thus are completely redispersible. Mean diameters of 0.7–1.8 μm (micrometers) and magnetite concentrations from 12–60% solids have been produced by varying the magnetite/styrene ratio. Particles are available for use in research and production with no restrictions and no extra license fees. Bangs, 6 Sue Springs Ct., Carmel, IN 46032, USA. Telephone 317-844-7176. Circle 56 on Reader Service Card.

Literature
Compact disk database system to access GenBank, EMBL, and Protein Identification Resource (three DNA and amino acid sequence databases), from Hitachi, 950 Elm Ave., San Bruno, CA 94066-3094, USA. HPLC bibliography grouped into organic and nonorganic sections; also, applications brochure for the PRP-1 HPLC columns, from Hamilton, P.O. Box 10030, Reno, NE 89520-0012. New ECM applications for thrombosis research, literature references and copies of related papers from Accurate Chemical, 300 Shames Dr., Westbury, NY 11590. Catalog of analytical and preparative TLC plates and accessories from Analyt, P.O. Box 7558, Newark, DE 19714-9990. 1800-page new products catalog for biomedical, microbiology, and chemicals from Curtin Matheson Scientific, P.O. Box 1546, Houston, TX 77251. Lifetime instruments, the SLM 4800C and SLM 4800S, described in four-color publication from SLM Instruments, 810 W. Anthony Dr., Urbana, IL 61801. Mini catalog describes expanded line of refrigerators and freezers for the laboratory and 1989 toxicity guide, Drug & Chemical Blood-Level Data, from Fisher Scientific, 711 Forbes Ave., Pittsburgh, PA 15219. Series of electroporation application notes with binder; also, Bulletin 1428 describing ion exchange membranes, from Bio-Rad, 1414 Harbour Way S., Richmond, CA 94804. Estapor microspheres described in a booklet from Bangs Labs, 6 Sue Springs Ct., Carmel, IN 46032. New phases for gas chromatography described in 8-page bulletin (DB-23/DB-FFAP) from J & W Scientific, 91 Blue Ravine Rd., Folsom, CA 95630. Biopurification system described in the Benchmark System brochure from Membrex, 141 Lanza Ave., Garfield, NJ 07026. DELTA Chromatographic software from Antek Instruments, 6005 N. Freeway, Houston, TX 77076. Isotope compounds in a catalog from Icon Services, 19 Ox Bow Ln., Summit, NJ 07901. Controlled temperature equipment described in catalog from Science/Electronics, P.O. Box 986, Dayton, OH 45401. Data Processing & Signal Conditioning, a catalog from World Precision Instruments, 375 Quinnipiac Ave., New Haven, CT 06513.
POSITIONS AVAILABLE — Classified advertisement: $25.00 per line (70 characters), $200.00 (8 line) minimum. Display advertisement: $600.00 for ¼ page, 3½ inches × 4½ inches; $900.00 for ½ page, 3½ inches × 9½ inches (vertical) or 7¼ inches × 4½ inches (horizontal); $1200.00 for full page, 7¼ inches × 9½ inches. (For display ads, add 5% if mechanical not submitted.) Advertisements will be published in next available issue unless otherwise specified. Deadline for receipt of copy is 5th day of month before publication. Payment or purchase order is required with insertion copy. Advertisements are noncommissionable to agents; no cash discounts are allowed. Blind advertisements are not accepted.

POSITIONS DESIRED — Candidates registered with FASEB Placement Service are allowed one advertisement of five lines, each containing 70 characters including spaces. The issue in which advertisement appears will be based on date of receipt of copy. Fee for publication in additional issues: $10.00 per issue.

Primary employers desiring identification and additional details concerning Positions Desired advertisers should write to address below, indicating hyphenated number appearing as last element of advertisement; a one-page application from advertiser(s) will be provided immediately. Advance telephonic determination of availability of advertisers from earlier-than-current issues is recommended. Employers not currently registered with Placement Service for annual meeting participation are charged a minimum fee of $30.00 for identification of up to 10 advertisers, plus $3.00 for each above 10, payable in advance to FASEB Placement Service.

Some registered candidates do not prepare Positions Desired advertisements; some advertisements are published at times not coinciding with employer recruitment activities. Primary employers not finding advertisements that appear to match current or projected needs are invited to request a search of all active candidate files. Telephone a description of the desired qualifications; results of search will be discussed telephonically with requesting official, and applications from candidates declared suitable will be forwarded. Employers not currently registered with Placement Service for annual meeting participation are charged a minimum fee of $30.00 for up to 10 applications, plus $3.00 for each above 10.

In publishing these advertisements FASEB assumes no obligations as qualifications of prospective employees or responsibility of employers, nor shall FASEB obtain further information concerning positions advertised or those seeking employment. Accuracy and completeness of all listings are the responsibility of the submitting party.

Various U.S. national and state laws against discrimination, including the Federal Civil Rights Act of 1964, prohibit discrimination in employment in the United States because of race, color, religion, national origin, age, sex, or any reason not based on a bona fide occupational qualification. The Federation of American Societies for Experimental Biology endorses these principles and reserves the right to edit all copy and to refuse advertisements not in consonance therewith.

Employment in countries other than the United States may be restricted by government visa and other policies. Moreover, it is suggested that the generally accepted employment practices, the cultural conditions, and the exact provisions of the specific positions being considered be investigated thoroughly. The U.S. Embassies in countries of interest to potential employees should be able to provide up-to-date data concerning internal conditions.

For a description of operation at annual meetings, please refer to the January or February issue or contact the Placement Service.

Address all correspondence to FASEB Placement Service, 9650 Rockville Pike, Bethesda, MD 20814. (301) 530-7020

POSITIONS AVAILABLE

PATHOLOGIST/CELL BIOLOGIST. M.D./Ph.D. Established investigator for faculty position. Basic experimental cell biology and/or immunology. Emphasis on animal genetics. Abundant opportunities for collaborative investigations. Women and members of minority groups are encouraged to apply. Please forward CV to John E. Craighead, M.D., Chairman, Department of Pathology, University of Vermont, Burlington, VT 05405. Replies will be accepted until position is filled. An affirmative action/equal opportunity employer.

VIROLOGIST with postdoctoral experience and an interest in antiviral research is being sought to play a major role in two recently fully-funded grants. The candidate will explore the active components of natural products found to be effective in vivo for their effect on the replication cycle and pathogenesis of hepatitis and retroviruses. The successful candidate should have a sound knowledge of molecular biology, tissue culture techniques and animal models. In addition, this individual will supervise the implementation of assays detecting hepatitis B markers as well as markers of hepatocellular carcinoma. Although this project is funded, the candidate in time will be encouraged to seek independent funding to pursue related research. Salary and rank will be commensurate with qualifications. Please send CV and letters of reference to Search Committee for Virologist, Personnel Department, Fox Chase Cancer Center, 7701 Burholme Avenue, Philadelphia, PA 19111. The Center is an equal opportunity employer.

POSTDOCTORAL POSITION, PROTEOGLYCAN BIOCHEMISTRY. An exciting postdoctoral position is available immediately for an individual with a Ph.D. in proteoglycan biochemistry. The successful applicant will be engaged in research exploring the role proteoglycans play in the development of amyloidosis generally and Alzheimer's Disease in particular. The successful individual will be part of an existing team currently consisting of a carbohydrate chemist, a molecular biologist, a protein biochemist, a postdoctoral fellow, two students and four technicians. Collaboration and research agreements are also in place with a protein structure group, two neurobiologists and a pharmaceutical company. The initial appointment will be for two years, and may be extended for an additional two to three years. Please submit CV and three letters of reference to Dr. Robert Kisilevsky, Professor and Head, Department of Pathology, Queen's University, Kingston, Ontario, Canada K7L 3N6.

Ph.D. (EXERCISE PHYSIOLOGY/NUTRITION) with R.N. is sought by Johns Hopkins to lead the nursing and exercise physiology-nutrition clinical research programs in a General Clinical Research Center. Individual should have clinical research ability and publication record; nurse researcher leadership and administrative experience; medical-surgical clinical nursing expertise; experience as a teacher/mentor. Faculty rank, salary commensurate with experience. Send resume to Andrew Goldberg, M.D., Francis Scott Key Medical Center, GCRC, 4940 Eastern Avenue, Baltimore, MD 21224.
CELL BIOLOGIST

The Upjohn Company, a recognized leader in the research and development of pharmaceuticals, is seeking a highly motivated individual to conduct independent research on tumor angiogenesis as a potential target for drug therapy of cancer. The successful applicant will have a background in the biology of cancer and will apply state-of-the-art cellular and molecular approaches to the discovery of new antineoplastic drugs acting through inhibition of tumor neovascularization. This scientist will also investigate other aspects of tumor biology of their own interest which could lead to novel pharmacologic approaches to cancer treatment. Opportunities for collaboration with other Upjohn scientists interested in endothelial cell and tumor cell biology are available. The presentation of research results at meetings and the timely publication of work will be expected. Individuals with a Ph.D. or equivalent degree in tumor or cell biology, molecular biology, biochemistry or related field, and at least 1-2 years of postdoctoral research or other relevant experience will be considered for this position.

Upjohn is located in Kalamazoo, in southwestern Michigan, midway between Chicago and Detroit and offers varied cultural events, lakes and woodlands minutes away, abundant year-round sports and recreation. Upjohn offers personal and career advancement opportunities, a highly competitive salary commensurate with experience, comprehensive benefits and relocation assistance. For confidential consideration, please send your CV/resume and a copy of transcripts to M. William Rex, The Upjohn Company, Corporate Employment, Kalamazoo, MI 49001. Please refer to advertisement number 23832-HA in your correspondence. We are an Equal Opportunity Employer M/F.

Our Commitment to Scientific Excellence Continues...

Upjohn

Postdoctoral Fellow/Research Assistant Professor

We are seeking a Ph.D. to participate in ongoing research on regulatory mechanisms in hemostasis. Familiarity with platelet physiology, radioimmunoassays, HPLC, coagulation assays required. Experience with cell culture techniques highly desirable. References required. Position open immediately.

Contact: Daniel Deykin, M.D., Boston VAMC, 150 S. Huntington Ave., Boston, MA 02130, U.S.

Citizenship/work permit required.
Equal opportunity employer.

HEAD DEPARTMENT OF PHYSIOLOGY SCHOOL OF MEDICINE UNIVERSITY OF MINNESOTA, DULUTH

The School of Medicine is seeking applications and nominations for the position of Head of the Department of Physiology. The appointment is tenured at the Associate or Full Professor level, depending on the candidate's qualifications. The candidate should have a doctoral degree in a basic medical science (preferably, but not limited to, physiology), minimum of five years experience, an active research program including grant support and a record of publications in peer-reviewed journals, and experience teaching physiology to medical and graduate students. Demonstrated evidence of effective teaching and communication skills appropriate to a faculty position is required. National recognition for scholarly achievements, administrative capabilities at the University level and teaching proficiency are considered desirable qualifications. The Department of Physiology is one of eight basic and clinical sciences departments in the School of Medicine. The School of Medicine, Duluth, is a free-standing, LCME approved two-year school with 48 students in each year and a unit of the Health Sciences Division of the University of Minnesota. Letters of nomination and applications (including a curriculum vitae) should be sent to:

Gary Davis, Ph.D.
Chair, Physiology Search Committee
School of Medicine
University of Minnesota, Duluth
10 University Drive
Duluth, MN 55812

Deadline for applications is March 31, 1989.

The University of Minnesota is an equal opportunity educator and employer and specifically invites and encourages applications from women and minorities.
POSTDOCTORAL TRAINING. NIH-funded postdoctoral positions for training in cellular biology of the heart are available in the Department of Physiology at the College of Medicine of Penn State University. A broadly-based, multidisciplinary program is offered to provide a background in the cell biology, molecular biology, biochemistry and physiology of cardiac disorders, in addition to specific laboratory training. The research interests of the training faculty, who are members of the Department of Physiology and Medicine, include the role of polyamines, the extracellular matrix and other regulatory factors in control of cellular growth and differentiation; regulation of protein and RNA synthesis and degradation; transmembrane signalling mechanisms; receptor-ligand interactions; control of cellular transport; and mechanisms of neural regulation of vascular function. Highly qualified individuals, who hold a Ph.D. or M.D. and are U.S. citizens, may apply by submitting a CV, a statement of career goals and the names of three references to D. Eugene Rannels, Ph.D., Program Director, Department of Physiology, The Milton S. Hershey Medical Center, Penn State University, P.O. Box 850, Hershey, PA 17033. Penn State University is an equal opportunity/affirmative action employer. Women and minorities encouraged to apply.

FACULTY POSITION. Applications and nominations are invited for a 12-month, tenure-track faculty position at the rank of Assistant/Associate Professor in the Department of Pharmacal Sciences, Auburn University School of Pharmacy. Applicants are expected to possess a Ph.D. in pharmacology, toxicology, biochemistry or related discipline. The Department of Pharmacal Sciences has 12 FTE faculty positions with teaching and research interests in the basic pharmaceutical sciences. The successful candidate will be expected to participate in the graduate (B.S., Pharm.D.) and graduate (M.S., Ph.D.) programs of the Department and to develop an active research program in an area of biochemical, molecular or cellular pharmacology and/or toxicology. Minorities and women are encouraged to apply for this position. Nominations and applications including a CV/resume, names and addresses of three references and a statement of research interests, should be forwarded for review beginning February 15, 1989 to the Chair of the Search Committee, Thomas N. Riley, Ph.D., Head, Department of Pharmacal Sciences, School of Pharmacy, Auburn University, Auburn University, AL 36849. Auburn University is an affirmative action/equal opportunity employer.

ASSISTANT/ASSOCIATE PROFESSOR, M.D., at Johns Hopkins. Training and credentials in basic and clinical metabolism research. Goals are to develop research programs in molecular and cell biology of lipoprotein and glucose metabolism, physiology of hormone action and gerontology. Other research focuses on metabolic risk factors for CAD; adipose tissue metabolism; and exercise physiology. Postdoctoral training in metabolism or related field, demonstrated research productivity and teaching experience required. Faculty rank commensurate with credentials. Send CV to Andrew Goldberg, M.D., Francis Scott Key Medical Center, GCRC, 4940 Eastern Avenue, Baltimore, MD 21224.

POSTDOCTORAL RESEARCH ASSOCIATE position(s) now available to study lipoprotein/cholesterol metabolism in primate models of atherosclerosis. Projects include studies of regulation of apolipoprotein gene expression, studies of hepatic secretion of lipoproteins and studies of cholesterol absorption. First year stipend is $20,000. Applicants should be U.S. citizens or permanent residents. Please send CV and three references to Dr. Larry Rudel, The Bowman Gray School of Medicine of Wake Forest University, 300 S Hawthorne Road, Winston-Salem, NC 27103. Wake Forest University is an equal opportunity/affirmative action employer.

STAFF SCIENTIST. Fetal physiologist with minimum two years postdoctoral experience is sought to join a group of basic and clinical perinatal investigators. Demonstrated ability in chronic animal neurophysiological and neuroendocrinological techniques is required. Experience with tissue culture would be an advantage. Send CV and three references by March 6 to Dr. S. J. Lye, Mount Sinai Hospital Research Institute, 600 University Avenue, Toronto, Ontario, Canada M5G 1X5. In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents of Canada.

PHARMACOLOGY/MOLECULAR BIOLOGY. Applications are invited for a tenure-track faculty position in the Department of Pharmacology of the University of Alabama at Birmingham (UAB). Comprising the Medical Center, University College and the Graduate School, UAB is a dynamic institution which is ranked as one of the top twenty comprehensive health and research centers in the U.S. The Pharmacology Department has a young well-funded faculty, is well-equipped and offers an excellent environment for research including competitive salaries, space and start-up funds. Applicants should have a relevant Ph.D. or M.D. degree, postdoctoral or faculty experience and be committed to a productive, independent research program and excellence in teaching. Rank is open but Assistant Professor is the likely level of appointment. We are seeking outstanding individuals whose interests and background are in the application of modern techniques of molecular and cellular biology and biochemistry to important problems in pharmacology. Send CV, a brief statement of research interests and three letters of reference to Dr. Elias Meezan, Chairman, Department of Pharmacology, University of Alabama at Birmingham, Birmingham, AL 35294. UAB is an equal opportunity/affirmative action employer.

POSTDOCTORAL TRAINING. This comprehensive, yet flexible, multidisciplinary program encompasses 24 months of full-time investigative training in biochemistry, cardiology, pharmacology, or physiology and is designed to provide postdoctoral research training to individuals with Ph.D. degrees in biomedical science or M.D. degrees who are interested in academic medicine. Trainees supervised by a faculty sponsor will have opportunities to acquire the knowledge and skills necessary to become independent investigators in cardiovascular research. Inquiries should be made through Dr. Robert O’Rourke, Division of Cardiology, Dr. Vernon Bishop, Department of Pharmacology, or Dr. Merle Olson, Department of Biochemistry, The University of Texas Health Science Center, San Antonio, TX 78284.

CHAIRPERSON, BIOCHEMISTRY AND NUTRITION, University of Puerto Rico Medical School. Applicants are being sought for the position of Professor and Chairperson. Must possess a Ph.D., M.D. or equivalent degree and be a distinguished scientist with demonstrated administrative and leadership skills. Send CV with three letters of reference. Application deadline is August 31, 1989. Applicants are encouraged to apply. After appearance of this ad to Dr. Sydney Kaye, Chairperson, Search Committee, Department of Biochemistry and Nutrition, University of Puerto Rico, Medical Science Campus, P.O. Box 5067, San Juan, PR 00936. University of Puerto Rico is an equal opportunity employer.
ACADEMIC POSITIONS. The University of Tennessee Medical Center at Knoxville (UTMC/K) has two tenure-track faculty positions, medical oncologist/clinical investigator and molecular immunologist/protein biochemist, at the assistant/associate professor level for M.D./Ph.D. candidates in the Human Immunology and Cancer Program, Department of Medicine. NIH- and ACS-supported clinical and basic science research with emphasis on human light chain-associated renal and systemic diseases (multiple myeloma, amyloidosis) and B cell-related neoplasms (lymphoma, leukemia). The successful candidate will work in well-equipped, state-of-the-art basic and clinical research facilities including hybridoma/Mab, flow cytometry, protein sequence and immunochemistry laboratories. These positions are immediately available and require a minimum of three to five years postdoctoral experience and ability to conduct innovative research. For M.D. candidates, BC/BE and eligibility for state licensure required. Excellent compensation including fringe benefits and academic rank commensurate with education and experience. The Knoxville area offers the scientific resources of the University of Tennessee and the Oak Ridge National Laboratory; recreational opportunities provided by the surrounding Great Smoky and Cumberland Mountains and extensive TVA lake system; and cultural amenities including a symphony and chamber orchestra, a major fine arts museum, opera and theatre. Letter of application, CV and names and addresses of three reference sources should be sent to Alan Solomon, M.D., Professor of Medicine, and Head, Human Immunology and Cancer Program, University of Tennessee Medical Center/Knoxville, 1924 Alcoa Highway, Knoxville, TN 37920. The University of Tennessee is an affirmative action/Title IX/Section 504 employer.

ASSISTANT OR ASSOCIATE PROFESSOR, Orthopaedic Surgery (Biochemistry), Harvard Medical School and Children's Hospital. Biochemist with experience in purification and characterization of proteins and some acquaintance with or willingness to learn, in collaboration with members of the laboratory, cell and molecular biology. Major emphasis is on connective and skeletal tissue noncollagenous proteins. Write or send resume to Dr. Melvin J. Glimcher, M.D., Children's Hospital, Enders Building 11th Floor, 320 Longwood Avenue, Boston, MA 02115.

RESEARCH ASSOCIATE to study growth factors and peptide signals related to the reproductive system and kidney. Program will involve molecular biologic techniques, including in situ hybridization and immunohistochemistry. Master's degree required, Ph.D. preferred. Opportunity available immediately for qualified person. Salary commensurate with experience and training. Send resume to Research and Education Institute, Harbor-UCLA Medical Center, 1124 W. Carson Street, Personnel Department, Torrance, CA 90020.

POSITIONS DESIRED

Doctor of Biology, 1979; Biochemistry, molecular biology; Characterization of membrane receptor, tissue culture, in vitro biosasays, peptide purification and radiolabeling. RNA sequencing, nucleic acid biochemistry; Avail. immediately; Industry or academia; Salary negot. 2-9008

Ph.D., 1985; Cell biology, physiology, biochemistry; Tissue culture, column chromatography, HPLC, gradient centrifugation, radioisotopes, electrophoresis, electron microscopy, image analysis, animal surgery, computers, cardiovascular research; Avail. July 1989; Staff position in academia/industry; Salary negot. 1-9010

Ph.D., 1985; Renal physiology, endocrinology, pharmacology, cell biology; Tissue and cell culture, epithelial phosphate transport, characterization of membrane receptors, adenylate cyclase assays, renal hydroxyase assay, SDS-PAGE and Western blotting, EM; Avail. July 1989; Staff position in academia/industry; Salary negot. 1-9011

Ph.D., 1988; Pulmonary physiology, pharmacology; Cellular mechanism in pulmonary response, background in in vivo/in vitro measurement of lung response and pulmonary vessels in small animals; Avail. March 1989; Postdoc. position in academia/industry; Salary negot. 1-9012

Ph.D., 1987; Physiology, developmental physiology; Fetal & embryonic respiration, circulation, fluid balance, mechanism of fetal lung-fluid secretion in utero, animal surgery, microspheres, computer-aided data acquisition, chick embryo circulation & fluid sampling; Avail. August 1989; Research/teaching academia/industry. 1-9013

Ph.D., 1985; Immunology, cell biology; Transcellular transport, antigen transport by intestinal epithelium, mucosal immunity, EM, immunocytochemistry, MAb, immunoblotting; Avail. July 1989; Staff position in academia/industry; Salary negot. 6-9014

Ph.D., 1989 (expected); Pharmacology; Calcium channel blockers, central control of cardiovascular system, baroreflex function, chronic vessel cannulation, stereotoxic and other surgical techniques; Avail. September 1989; Postdoc. position in academia/industry; Salary negot. 3-9015

Ph.D., 1990 (expected); Pharmacology, perinatal cardiac pharmacology, drug receptor pharmacology; Sterile surgery, instrumentation of pregnant ewe and fetus, construction of Doppler blood flow transducer, drug receptor analysis (KA & KB), HPLC; Avail. May 1990; Postdoc. or staff position in academia/industry; Salary negot. 3-9017

Ph.D., 1976; Biochemistry, cell biology; Tissue culture, differentiation, B-leukemias, MAb generation and antigen characterization, immunological assays, mouse x mouse and human x mouse hybridomas, antidiotype antibody, HBV, HIV, biochemical analytical assays, scale-up fermentation. 2-9018

Ph.D., 1985; Organic chemistry, biology, protein chemistry; Isolation and purification, synthesis of novel amino acids, incorporation in peptides, affinity labeling, HPLC purification, electrophoresis and binding studies, tryptic mapping, uptake studies using radioisotopes; Postdoc. position in academia; Salary neg. 2-9019

Ph.D., 1987; Protein biochemistry; Electrophoresis and HPLC methods, peptide synthesis, RNA and DNA isolation, Northern and Southern blots, RNA-DNA hybridization, cell culture; Avail. January 1990; Research position in industry; Salary neg. 2-9020

Ph.D., 1984; Clinical nutrition; Developmental, neurochemical and functional changes associated with vitamin and amino acid metabolism in pre- and post-natal models; Avail. July 1989; Salary neg.; Prefer Washington, DC/Baltimore area. 5-9022

Ph.D., 1985; Molecular biology, yeast genetics, toxicology; Analysis of mouse and sea urchin embryo gene expression using in situ hybridization and other nucleic acid hybridization techniques, analysis of a sea urchin repetitive gene family, isolation and study of DNA repair mutants of yeast; Avail. immediately; Staff position in industry. 2-9023

Ph.D., 1987; Biochemical pharmacology; Eicosanoids, experience in platelet aggregation, fibrinolysis, in vivo studies, diabetes, receptor binding, photolysis, characterization of membrane receptor; Avail. July 1989; Postdoc. or staff position in industry; Salary neg. 2-9024

Ph.D., 1985; Microbiology, immunology; Neutrophil biology & oxidative toxicity, oxy-radical physiochemistry, generation & detection, inflammation, mechanisms of disease, leukocyte isolation & function, cell culture & manipulation, isotope techniques, bacterial culture, TLC, PAGE, HPLC, teaching experience; Teaching/research or industry. 6-9026

Ph.D., 1985; Experimental pathology, cell biology, biochemistry, hematology; Platelets, lymphomas, endothelium, antibodies, membrane glycoproteins, cytokesetogen, protein modification and purification, iso-electrofocusing, blots, crossed-radioimmunoelectrophoresis, phospho-amino acid analysis; Academia/industry. 7-9027

M.S., 1986; Biology, cardiovascular pharmacology; Characterization of membrane receptors using isolated tissues and organs, arterial BP measurements, ligand binding techniques, preparation of membrane fractions, enzymatic assays, Sigma Plot, learning knowledge of LIGAND, EBDA; Date neg.; Research position in industry; Salary neg. 8-9028

Ph.D., 1985; Biophysical chemistry, biochemistry, Kinetics and thermodynamics of ligand binding to proteins and nucleic acids, rapid reaction techniques (SF, SFCD, TJ, Fl. Phot.), spectroscopy of biomolecules (UV-vis, CD), hardware development, BASIC, C and Pascal programming; Teaching/research; Salary neg. 2-9029

Ph.D., 1985; Psychopharmacology; Behavioral and neurochemical development, studies in prenatal exposure to drugs, dopamine receptor binding, HPLC analysis of catecholamines, development of cardiovascular function, cardiovascular toxicology; Avail. September 1989. 3-9030
Ph.D., 1989 (expected); Pharmacology; Blood coagulation, heparin, experience in animal models of thrombosis, bleeding, fibrinolysis and pharmacokinetics, PCNONLIN software, amidolytic and clotting assays; Research position in academia/industry; Salary negot. 3-9031

Ph.D., 1989 (expected); Immunology, neuroimmunology; Tissue culture, T cell cloning, in vitro assays, MAb purification and in vivo therapy (in mice) of neuro autoimmune disease, induction of DTH and specific tolerance in mice, background in clinical chemistry; Avail. June 1989; Postdoc. position in industry preferred; Salary negot. 6-9032

Ph.D., 1983; Human genetics, enzymology, protein chemistry; Tissue culture and cell physiology, interested in endothelial/neutrophil interactions, induction of protein and eicosanoid mediators, experience in electrophoresis, chemotaxis assay, HPLC, molecular biology; Avail. immediately; Research preferred, academia/industry. 2-9033

Ph.D., 1980; Biochemistry, chemical engineering; Nutrition, pharmacology, vitamin K function, anticoagulants, blood coagulation, enzymology, purifications, mechanisms, metabolism, radiotracers, organic synthesis, physical, analytical methods, teaching/research/laboratory administration 5 yr.; Research or R&D. 2-9034

Ph.D., 1981; Immunology, molecular/cell biology; cDNA library construction, DNA sequencing, baculovirus expression system, MAb techniques, immunoblotting, Northern and Southern analysis, academic and industrial experience; Avail. June 1989; Senior scientist position in industry; Salary negot. 2-9035

FASEB PLACEMENT SERVICE
1989 ANNUAL MEETING

LOCATION — New Orleans Convention Center

REGISTRATION
Sunday, March 19 .......................... 2:00 PM-8:00 PM
Monday - Tuesday, March 20-21 ......... 8:30 AM-4:30 PM
Wednesday, March 22 .......................... 8:30 AM-1:00 PM

INTERVIEW SCHEDULING
Monday - Wednesday, March 20-22 ......... 8:30 AM-4:30 PM

INTERVIEWS
Monday, March 20 .................................. 1:00 PM-4:30 PM
Tuesday - Wednesday, March 21-22 .... 9:00 AM-4:30 PM
Thursday, March 23 .................................. 9:00 AM-1:00 PM

Employers, interviewers and candidates using the interviewing facilities at the Annual Meeting must register for attendance at the meeting as well as with the Placement Service.

CANDIDATES

Annual Fee .................................. $10.00
Positions, published in March ............... $10.00

The annual fee includes:
1. Publication of application in the 1989 Candidates, distributed in February, if application is received by January 20, 1989
2. Publication of Position Desired advertisement in one issue of The FASEB Journal
3. Use of interviewing facilities at the FASEB Annual Meeting, including interview scheduling services, review of posted position vacancy descriptions, and distribution of copy of application to each participating employer
4. Availability of application for review by employers visiting the FASEB campus and by FASEB staff members conducting searches on behalf of employers

EMPLOYERS

Annual Fee
Commercial organizations ....................... $450.00
Academic and other nonprofit institutions .... $225.00

The annual fee includes:
1. Receipt of one copy of 1989 Candidates, published and distributed in February
2. Posting of position vacancy descriptions at Annual Meeting
3. Receipt of copy of application of each candidate attending meeting
4. Use of interviewing facilities at the FASEB Annual Meeting, including interview scheduling services

Interviewers must be authorized by the individual named on registration form. Authorization of two interviewers is included in the annual fee. Three additional interviewers may be authorized, at an additional fee of $25.00 each which must accompany authorization.

Employers not registering with the Placement Service may purchase the posting of position vacancy descriptions at Annual Meetings, under a “No Interviews Granted” heading, for a fee of $35.00 per description. Payment must accompany description(s).

Position vacancy descriptions received from any employer, whether or not otherwise participating in Placement Service operations, will be included without charge in the 1989 Positions, published and distributed in March, if received by February 3, 1989.

ADVANCE REGISTRATION

Candidates and employers are requested to register in advance, by March 3, 1989; at-meeting registration is available.

PLACEMENT SERVICE FORMS AND INSTRUCTIONS will be mailed upon request. Please write or call: FASEB Placement Service, 9650 Rockville Pike, Bethesda, MD 20814, (301) 530-7020.
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