A comprehensive calendar is published 4 times a year (January, April, July, and October); new listings appear in other months. The calendar lists open meetings of a biological topic: conferences, symposia, courses, and workshops. To have your event listed, please include the date and year of the meeting, its title and location, and a contact name and address and send the information to Calendar Editor, The FASEB Journal, 9650 Rockville Pike, Bethesda, MD 20814, USA.

1994

19-24 September. 16th International Congress of Biochemistry and Molecular Biology, New Delhi, India. (ASMBMB, 9650 Rockville Pk., Bethesda, MD 20814-3996, USA)


26-28 September. High Throughput Screening for Drug Development, Philadelphia, Pennsylvania, USA. (Cambridge Healthtech Institute, 1000 W. Waverly St., Dept. 3700, Waltham, MA 02154, USA)

2-8 October. APS Conference: Mechanotransduction and the Regulation of Growth and Differentiation, Sarasota, Florida. USA. (APS Nat. Oof., 9650 Rockville Pk., Bethesda, MD 20814-3991, USA)


7-10 October. ASMBMB Fall Symposium: Genetic & Biochemical Approaches for Studying Cell Death, Lake Tahoe, California. USA. (ASMBMB Society Oof., 9650 Rockville Pk., Bethesda, MD 20814-3996, USA)

7-10 October. Council of Biology Editors Peer Review Retreat, Warren, Virginia, USA. (Council of Biology Editors, 11 S. LaSalle St., Ste. 1400, Chicago, IL 60603-1210, USA)

9-12 October. 26th Congress of the Italian Society of Clinical Biochemistry, Piazza, Italy. (Emmecone Congressi, Via C. Farini 70, 20159 Milano, Italy)

9-14 October. FASEB Fall Symposium: Mechanisms of Regulated Intracellular Protein Degradation, Whistler, British Columbia, Canada. (ASMBMB Society Oof., 9650 Rockville Pk., Bethesda, MD 20814-3996, USA)

10-12 October. Second International Conference on Antioxidant Vitamins and Beta Carotene in Disease Prevention, Berlin Germany. (Conference Secretariat, AOV Berlin '94, c/o Hausar Service GmbH, Schumaburgasse 12, D-14052 Berlin, Germany)

21-23 October. Osteopetresis: Role in Cell Signalling and Adhesion, New Brunswick, New Jersey, USA. (D. Denhardt, Nelson Biological Laboratories, Rutgers U., P.O. Box 1059, Piscataway, NJ 08855, USA)

21-24 October. Receptor Activation by Antigens, Cytokines, Hormones and Growth Factors, Orlando, Florida, USA. (Conference Dept., NYAS, 2 E. 63rd St., New York, NY 10021, USA)


29 October-2 November. APS Interociety Meeting: Regulation, Integration, Adaptation: A Species Approach, San Diego, California, USA. (APS Nat. Oof., 9650 Rockville Pk., Bethesda, MD 20814-3991, USA)

17-20 November. The 1994 Miami Bio/Technology European Symposium, Advances in Gene Technology: Molecular Biology and Human Genetic Disease, Monte Carlo, Monaco. (Miami Bio/Technology European Symposium, 4 Little Essex St., London WC2R 3LF, United Kingdom)

10-14 December. ASCB Annual Meeting, San Francisco, California, USA. (FASEB Oof. of Scientific Mgs. and Conf., 9650 Rockville Pk., Bethesda, MD 20814-3998, USA)

1995

15-19 January. Plant Genome III: The International Plant Genome Conference, San Diego, California, USA. (Scherago International, Inc., 11 Pen Plaza, Ste. 1003, New York, NY 10001, USA)

22-24 January. Second International Conference on Dietary Assessment Methods, Boston, Massachusetts, USA. (Harvard School of Public Health, Oof. of Continuing Ed., 677 Huntington Ave., L.L.-23, Boston, MA 02115-6023, USA)

4-9 February. The 1995 Miami Bio/Technology Winter Symposium, Advances in Gene Technology: Protein Engineering and Structural Biology, Ft. Lauderdale, Florida. USA. (Miami Bio/Technology Winter Symposium, P.O. Box 01629, Miami, FL 33101, USA)

3-5 March. Second International Conference on Engineered Vaccines for Cancer and AIDS, San Francisco, California, USA. (C. Jones, Professional Conference Mgmt., Inc., 7196 Courey Ct., San Diego, CA 92111, USA)

18-22 March. Society for Biomaterials Annual Meeting & Exposition, San Francisco, California, USA. (Society for Biomaterials, 6518 Walker St., Ste. 150, Minneapolis, MN 55426-4244, USA)

9-13 April. Experimental Biology `95, Atlanta, Georgia, USA. (FASEB Oof. of Scientific Mgs. and Conf., 9650 Rockville Pk., Bethesda, MD 20814-3998, USA)

21-25 May. ASMBMB Joint Annual Meeting with the Division of Biological Chemistry of the American Chemical Society, San Francisco, California, USA. (FASEB Oof. of Scientific Mgs. and Conf., 9650 Rockville Pk., Bethesda, MD 20814-3998, USA)

23-29 July. The 9th International Congress of Immunology, San Francisco, California, USA. (FASEB Oof. of Scientific Mgs. and Conf., 9650 Rockville Pk., Bethesda, MD 20814-3998, USA)

15-19 September. Clinical Applications of PCR, Los Angeles, California, USA. (S. Chance, 8 Bennett Way #23, Newmarket, NH 03857-2370, USA)

21-23 September. Microscopy/Photomicrograph, Rockville, Maryland, USA. (American Type Culture Collection, Workshop Coordinator, 12301 Parklawn Dr., Rockville, MD 20852, USA)

26-28 September. Convolutional Molecular Cytogenetic Techniques, Rockville, Maryland, USA. (American Type Culture Collection, Workshop Coordinator, 12301 Parklawn Dr., Rockville, MD 20852, USA)

27-30 September. Separation and Purification Strategies for Biotechnology Products, University Park, Pennsylvania, USA. (Continuing and Distance Ed., The Pennsylvania State University, 409 Keller Bldg., University Park, PA 16802-1304, USA)


27-28 October. Statistical Analysis of Laboratory Data, Columbus, Ohio, USA. (American Chemical Society, Dept. of Continuing Ed., 1155 Sixteenth St., NW, Washington, DC 20036, USA)

27-28 October. Capillary Gas Chromatography, Columbus, Ohio, USA. (American Chemical Society, Dept. of Continuing Ed., 1155 Sixteenth St., NW, Washington, DC 20036, USA)

27-30 October. ASIP Course: Concepts in Molecular Biology, Bethesda, Maryland, USA. (ASIP Oof., 9650 Rockville Pk., Bethesda, MD 20814-3993, USA)

31 October-1 November. Statistical Analysis of Laboratory Data, St. Louis, Missouri, USA. (American Chemical Society, Dept. of Continuing Ed., 1155 Sixteenth St., NW, Washington, DC 20036, USA)

31 October-1 November. Capillary Gas Chromatog-raphy, St. Louis, Missouri, USA. (American Chemical Society, Dept. of Continuing Ed., 1155 Sixteenth St., NW, Washington, DC 20036, USA)


4-5 November. Practical HPLC Method Development, Saddle Brook, New Jersey, USA. (American Chemical Society, Dept. of Continuing Ed., 1155 Sixteenth St., NW, Washington, DC 20036, USA)

10-11 November. DNA Sequencing w/o Radioactivity, West Haven, Connecticut, USA. (S. Chance, 8 Bennett Way #23, Newmarket, NH 03857-2370, USA)


10-23 December. Molecular and Cellular Aspects of Immunology, Rehovot, Israel. (Z. Eshhar, Dept. of Chemical Immunology, The Weizmann Inst. of Sci., Rehovot 76100, Israel)

13-16 December. High Performance Liquid Chro-matography, Blacksburg, Virginia, USA. (American Chemical Society, Dept. of Continuing Ed., 1155 Sixteenth St., NW, Washington, DC 20036, USA)
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POSITIONS AVAILABLE

INSTRUCTOR TO ASSOCIATE PROFESSOR (RESEARCH), GENE THERAPY MOLECULAR BIOLOGIST. The Program in Neurosurgery of Brown University, affiliated with Rhode Island Hospital, seeks to recruit a molecular biologist with expertise at the doctoral or postdoctoral level in laboratory research and molecular and cellular biology. Experience and expertise in one or more of the following areas desired: signal transduction, tumor suppressor genes, molecular strategies for solid tumor therapy, gene therapy, growth factors, angiogenesis. Must qualify for appointment as Instructor to Associate Professor (Research), Department of Clinical Neurosciences, Brown University. Send curriculum vitae to Mel H. Epstein, M.D., Department of Neurosurgery, Physicians Office Building #346, 593 Eddy Street, Providence, RI 02903. Applications are expected by August 31, 1994. Screening will begin on that date and continue until a successful candidate is selected or the search closed. Rhode Island Hospital is an EEO/AA Employer.

INSTRUCTOR TO ASSOCIATE PROFESSOR (RESEARCH), MOLECULAR BIOLOGIST. The Program in Neurosurgery at Brown University, affiliated with Rhode Island Hospital, is recruiting a molecular biologist with experience and expertise at the doctoral or postdoctoral level in laboratory research and molecular and cellular biology. Position will involve working with a larger group of neuroscientists developing molecular strategies for solid tumor therapy with specific emphasis on malignant brain tumors. Experience with brain tumors preferred but not required. Faculty rank will be commensurate with the experience of the selected candidate. Send curriculum vitae and letters of interest to Mel H. Epstein, M.D., Department of Neurosurgery, Physicians Office Building #346, 593 Eddy Street, Providence, RI 02903. Applications are expected by August 31, 1994. Screening begins that date and continues until a candidate is selected or search closed. Rhode Island Hospital is an EEO/AA Employer.

Postdoctoral Training
Toxicology and Carcinogenesis

Positions are available for studies in various aspects of cancer research and toxicology in the Center in Molecular Toxicology through the Departments of Biochemistry, Chemistry, Medicine, and Pharmacology. Areas of investigation relating to toxicology and carcinogenesis are: 1) enzymatic oxidation, 2) oxidative damage, 3) DNA adduct chemistry, 4) mechanisms of mutagenesis, 5) structural and regulatory biology, 6) analytic method development, and 7) molecular epidemiology and prevention. Salaries are negotiable.

FACULTY

Ian A. Blair  Lawrence J. Marnett
Raymond F. Burk  Jennifer A. Pietinenpol
Raymond N. DuBois  Michael P. Stone
F. Peter Guengerich  Michael R. Waterman
Thomas M. Harris

Applicants should submit curriculum vitae and three letters of recommendation to Dr. F. Peter Guengerich, Director, Center in Molecular Toxicology, Vanderbilt University, School of Medicine, Nashville, TN 37232-0146

An Affirmative Action/Equal Opportunity Employer
MOLECULAR BIOLOGIST
Heart Institute, Hospital of the Good Samaritan

The Heart Institute is a research facility, affiliated with the University of Southern California, dedicated to the study of myocardial ischemia, infarction, and all aspects of experimental cardiology. Applications are invited for a molecular biologist at the assistant professor level, responsible for interacting with faculty and staff in establishing a cardiac gene therapy program.

Candidates must have a Ph.D., M.D., or M.D. Ph.D., with two-three years relevant postdoctoral experience and a proven commitment to research. Knowledge of methods (such as cell culture, Northern, Western, Southern blots, PCR, retroviral packaging for gene delivery, liposomes, in situ hybridization) is essential. Salary commensurate with experience.

Qualified applicants should submit their curriculum vitae, names of three references, and a brief statement of their research accomplishments and interests to:

Robert A. Kloner, M.D., Ph.D.
Professor of Medicine
University of Southern California
Director of Research, Heart Institute
Hospital of the Good Samaritan
616 South Witmer
Los Angeles, CA 90017

ASSISTANT/ASSOCIATE PROFESSOR. The Division of Vascular Surgery of The University of Medicine and Dentistry of New Jersey-Robert Wood Johnson Medical School invites applications for the position of Vascular Scientist. The applicant will join a fully accredited Vascular Fellowship Program to develop and promote basic science research. The applicant must have a Ph.D. and a background in vascular cell biology and its related fields. Interest in molecular biology, cell adhesion molecules and/or atherogenesis is of paramount importance. Send curriculum vitae, names of references to Alan M. Graham, M.D., Chief, Division of Vascular Surgery, Department of Surgery, UMDNJ-Robert Wood Johnson Medical School, CN-19, New Brunswick, NJ 08903-0019. UMDNJ is an Affirmative Action/Equal Opportunity Employer.

POSTDOCTORAL - SIGNAL TRANSDUCTION. Available immediately for qualified Ph.D. to work on molecular mechanisms of neurotransmitter receptor desensitization and gene transcription. Research interests include transcriptional regulation of G-protein-coupled receptors by cyclic nucleotides (TIBS 17:37 1992) and receptor/effector coupling specificity and compartmentalization. Studies utilize cell lines and animal models (Mol. Endo. 8:518 1994). Candidates should be experienced in standard molecular biology procedures, PCR, biochemistry and be familiar with basic pharmacology. Modern research facilities; competitive salary and benefits; position available for two years, with possible extension. Send letter of inquiry with curriculum vitae, names and address of three references to Sheila Collins, Ph.D., Duke University Medical Center, Box 3557, Durham, NC 27710. Tel: 919-684-8991. FAX: 919-684-8560.

POSITIONS DESIRED

Ph.D., 1994 (expected); Biophysics, cell biology, protein chemistry, photochemistry of vision; Mechanism of enzymology, isotopic labeling, compound analysis, vibrational spectroscopy (Raman/FITIR), UV-VIS absorption, HPLC, computer simulation/programming, calculations with AMPAC, Sybyl, Vib, Gaussian; Avail. Sep 94; Postdoc.; PR. 8-4295

Ph.D., 1971; Cardiovascular biophysics, biochemistry, pharmacology; Ca, Na, K transport systems, antiarrhythmic, antihypertensive CHF drug development, computer-aided drug design, experience in academia (NIH, RCDA, AHA, MDA funding) industry; Avail. Oct 94; Research/administration. 8-4296

Ph.D., 1981; Neurosciences, cellular neurophysiology, neurocycology; Membrane fusion, protein-mediated fusion, electrophysiology, ion channel reconstitution, video optical microscopy, digital image processing, computational biophysics; Avail. Jan 95; Tenured/tenure-track in academia; Salary negot. 8-4297

Ph.D., 1984; Molecular biophysics; Molecular modeling of proteins/peptides, atomic models of K+ channel pore, drug binding to pore, molecular dynamics simulations, free energy calculations, protein folding, grant writing experience; Avail. Jan 95; Research/teaching in academia/industry/ nonprofit; Salary negot.; PR. 8-4301

Ph.D., 1995 (expected); Molecular biology, immunology; Cell/tissue culture, cell transfection, cloning, site-directed mutagenesis, gel mobility shift, sequencing, footprinting, Southern/Northern/Western blots, PCR, S1 nuclease/RNAse protection assay, transgenic mice, CTL assay; Avail. May 95; Postdoc./research in academia/industry; Salary negot.; PR. 2-4461

Ph.D., 1990; Zoology; Electron probe microanalysis, electron microscopy, histology, myocardial ischemia/reperfusion, cardiac myocyte isolation, ultracyromicrotomy, histochemistry; Avail. Aug 94; Research/teaching; Salary negot.; Western U.S. 1-4535

Ph.D., 1993; Molecular genetics, aquaculture, marine biology; Fisheries biotechnology, transgenics, DNA fingerprinting, cloning, library construction, Western/Southern/Northern blotting, DNA synthesis/sequencing, PCR, tissue culture, RIA; Avail. Aug 94; Academia; Salary negot. 2-4536

Ph.D., 1994 (expected); Biochemical nutrition; Mineral bioavailability, phytate/annin chemistry, protein-mineral interactions, food chemistry, protein purification, electrophoresis, IEC, HPLC, extrusion processing, animal studies, statistics; Avail. Sep 94; Research in academia/industry; Salary negot.; F1 visa. 5-4537

Ph.D., 1994 (expected); Immunology; MLR/CTL assays, T hybridoma production/allorreactivity screening by IL-2/4 assays, murine bone marrow transplantation, liver perfusion/thymectomies, flow cytometry, peptide studies, immunoprecipitation, SDS-PAGE, Western blots; Oct 94; East/West coast/foreign country. 6-4538

Ph.D., 1994; Pharmacology, electrophysiology; Mechanisms of arrhythmias, antiarrhythmic drugs, ischemia/reperfusion myocardial injury, thrombosis, animal surgery, statistics; Avail. Aug 94; Research in industry; Salary negot.; PR. 3-4539

M.S., 1993; Biochemistry, molecular biology; Gene cloning/expression, PCR, DNA sequencing, vector construction, Southern/Northern, mammalian cell culture, tumor cell clongenic/antioxidant enzyme assays, SDS-PAGE, electrophoresis, protein purification; Avail. Aug 94; PR. 0-4540

M.S., 1994 (expected); Toxicology, biochemistry; Electrophoresis, Western blotting, ELISA, enzyme activity assay, HPLC, protein purification, mammalian cell culture, liver perfusion/hepatocyte isolation, eye surgery/small animal surgery, free radical assay; Avail. Dec 94; Research associate in academia/industry; Salary negot.; F1 visa. 0-4541

Ph.D., 1988; Genetics, immunology, molecular biology; Mouse husbandry/surgery, B cells, class switching, cell culture, lymphokines, FACS, ELISA, DNA/RNA preparation, quantitative PCR, cloning, sequencing, electrophoresis, Northern/Southern blots, subtraction library; Avail. Aug 94; Research in academia/industry; Salary negot. 6-4542
EMPLOYMENT OPPORTUNITIES

B.A., 1994; Biology, physiology; Background based on the sciences/liberal arts, experience in cardiovascular research and areas related to health care delivery; Avail. Aug 94; R&D in industry; Salary negot. 0-4543

M.D., 1982; M.S., 1988; Cellular/molecular biology; Isolation/culturing cells, leukocyte separation, labeling, counting, WBC adherence assaying, pharmacology, pharmacokinetics, HPLC; vasomotoric study, data analysis; Avail. Jan 95; Research in academia/industry; J1 visa. 0-4544

Ph.D., 1991; Cell biology, molecular biology, mucosal immunology; Primary epithelial cell culture, dIgA transcytosis, RIA, enzyme assays, Northern/Western/Southern blotting, immunohistochemistry, animal surgery, ioddinations, protein purification, library screening, cloning, sequencing; Avail. Jun 95; Academic/industry; Salary negot. 2-4545

M.D., 1982; Gastrointestinal/cardiovascular medicine; Animal surgery, measurement of intestinal blood flow, oxygen uptake, motility, secretion, absorption, in vitro oxygen consumption, RIA, ECG/echocardiogram; Avail. Aug 94; Research in academia/industry; J1 visa. 0-4546

M.S., 1994; Nutritional science, medical technologist; Diet, gluconeogenesis in animal models, diabetes, metabolism, clinical laboratory instrumentation, flow cytometry, electrophoresis, spectrophotometry, tissue enzymology, serology, RIA, toxicology, blood banking; Avail. Aug 94; Research in industry; Salary negot.; New Jersey. 0-4547

Ph.D., 1994; Nutrition; Carotenoid metabolism, trace element study, HPLC, FPLC, spectroscopy, PAGE (SDS, UREA, 2-D), IEF (rotofof, gel), protein purification, animal models, radiolabeling; Avail. Aug 94; Research in academia/industry; Salary negot.; PR. 5-4548

B.S., 1983; Biology; Pharmacology/biochemistry of prostaglandins, second messenger biochemistry, receptor binding assays/kinetics, smooth muscle pharmacology, large animal surgery, computer experience, in vivo/in vitro pharmacology; Avail. Aug 94; Salary negot.; Midwest/Rocky Mountain states. 0-4549

Ph.D., 1994 (expected); M.D., 1985; Electrophysiology, physiology; Metabolic effect pH/K on membrane electrical properties of vascular smooth muscle, intracellular microelectrode recording of membrane potential, fluorescence spectroscopy for intracellular pH; Avail. Aug 95; Postdoc. in industry; Salary negot.; PR. 1-4550

Ph.D., 1995 (expected); Immunology; neuroimmunology; Lymphocyte fractionation, tissue culture, ELISA, proliferation assay, Ab production, lymphokine level, fluorescent Ab cell labeling, radioligand receptor binding assay, chromatography, animal surgery; Avail. Jun 95; Postdoc. in academia/industry; Salary negot. 6-4551

M.D., 1983; Medicine; RNA extraction, reverse transcription, PCR, electrophoresis, DNA digestion with restriction enzymes, ELISA, small animal surgery, microdissection, microperefusion, electrophysiological techniques, radioimmunoassay; Avail. Oct 94; Research in academia/industry; Salary negot.; PR. 0-4552

Ph.D., 1995 (expected); Physiology; Mouse surgery, dog surgery, quantitative morphometry, tissue processing, histology, immunohistochemistry, response to vascular injury in mice; Avail. May 95; Postdoc. in academia; Salary negot.; Mountain states. 1-4553

Ph.D., 1995; Cellular immunology; Cytokines, leukocyte antigens, lymphocyte function assays, hybridoma technology, immunocommunity, FACS, tissue culture; Avail. Sep 94; Postdoc/research in academia/industry; Salary negot.; J1 visa. 6-4554

Ph.D., 1992; Immunology, molecular biology, protein chemistry; Tissue culture, cytotoxicity assays, flow cytometry, RNA isolation, Northern blot analysis, plasmid DNA purification, PCR, HPLC, gel filtration chromatography, electrophoresis, ELISA, Western blotting; Avail. Mar 95; Postdoc. in academia; Salary negot.; Midwest/East coast. 6-4555

Ph.D., 1994 (expected); Biomedical engineering; Mathematical modeling, computer program, statistics, experiment control, animal surgery, transport, thermal regulation, tissue culture, photodynamic therapy, mechanical engineering; Avail. Sep 94; Research in academia/industry; PR. 1-4556

Ph.D., 1991; Pulmonary pharmacology, physiology, pathology, immunology, cell biology, molecular biology; Morphometric/image analysis, histo-/immunohistochemistry, in situ hybridization, cell culture, animal surgery, Northern blotting, flow cytometry; Avail. Aug 94; Research in industry; Salary negot.; H1 visa. 3-4557

Ph.D., 1994 (expected); Pharmacology, toxicology; Cell culture, RNA analysis, electrophoresis, Western blotting, enzymatic analysis by HPLC/spectrofluorometrically, immunoprecipitation; Avail. Jan 95; Postdoc. in academia/industry; Salary negot.; New England. 3-4558

Ph.D., 1994 (expected); Nutrition; Kinetics studies of trace element absorption in rats using single/double isotopic tracers, clinical trial design/implementation for zinc status assessment, RIA, B-12 assay, cell culture of rat brain, pituitary, heart cells; Avail. Sep 94; Research in academia/industry; Salary negot. 5-4559

Ph.D., 1995 (expected); Immunology, molecular biology; TCR-Jb repertoire analysis, cloning, PCR, RNA, RT-PCR, flow cytometry, tissue culture, DNA sequencing, genetics, microsatellite typing, Southern blots, mouse care/breeding/transgenics, Biomek, TA graduate immunology; Avail. May 95; Postdoc. in academia/industry and/or teaching; Salary negot. 6-4560

Ph.D., 1995 (expected); Mucosal/molecular immunology; In vivo/in vitro animal models (mice), ELISA, ELISPOT, biosassays for Ig/lymphokines determinations, DNA/RNA/in situ hybridization, FACS/MACS; Avail. Feb 95; Postdoc. in academia/industry; Salary negot.; Now in Sweden.6-4562

Ph.D., M.D., 1988; Basic/tumor immunology, free radical biochemistry; Investigated T cells, neutrophils, microsomal enzymes on biochemical/cellular levels/in vitro; Avail. Sep 94; Assistant professor; Salary negot.; PR. 6-4563

Ph.D., 1993; Nutrition, analytical chemistry, molecular biology, biochemistry; Lipid nutrition/lipoprotein metabolism in atherosclerosis, HPLC, GC/MS, FPLC, TLC, SPE, UV-VIS, fluorescence, cloning, RT-PCR, site-directed mutagenesis, electrophoresis, mRNA quantitation; Avail. Aug 94; Assistant professor/research in academia/industry; PR. 5-4565

Ph.D., 1994 (expected); Immunology, cell biology; Cytotoxicity assays, tumor necrosis factor assay, HPLC, lipid extraction, measurement of calcium, ELISA, in vitro sterile technique, tissue culture, subcellular fractionation, liposome construction; Avail. Dec 94; Research in academia/industry. 6-4566

Ph.D., 1995 (expected); Nutritional sciences, adult fitness, cardiac rehabilitation; HPLC, spectrophotometric determinations of markers of lipid/protein oxidation, videomicroscopy, Doppler flowmetry, comprehensive fitness/body compasses; Avail. Feb 95; Research/teaching. 5-4567

Ph.D., 1989; Biophysics, immunology; Immune cell isolation, phenotyping/activation, ase/immune function, cell aggregation/movement, cell-cell/ECM binding, flow cytometry, mathematical modeling, image analysis, limiting dilution assays; Avail. Sep 94; Research in academia/industry; Salary negot. 6-4568

Ph.D., 1980; Cardiopulmonary physiology, pharmacology; Pharmacology in asthma/ARDS, in vivo/in vitro methodologies, isolated organ perfusion, isotope methodologies; Avail. Aug 94; Research/teaching. 1-4569

M.D., 1987; Immunology, molecular biology, neuroscience; Tissue culture, T/B cell cloning, ELISA, FACS, lymphokine proliferation/cytotoxicity assays, mRNA, DNA, abstraction, PCR, sequencing, animal surgery, single nerve fiber recording, intracellular recording/staining; Avail. Nov 94; Research in academia/industry; Salary negot.; H1 visa. 6-4570

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Ph.D., 1992; Physiology; Energetics, mechanics of skeletal muscle fibre bundles, whole skeletal/cardiac papillary muscle, Langendorff-perfused rabbit heart, dynamic regulation of cardiac metabolism, ischemia, hypoxia, stunning, structural models, heat measurement, metabolite analysis by HPLC, NMR; Avail. Aug 95; Research academia/industry; PR. 1-4571

Ph.D., 1992 (expected); Biochemistry; Cell culture, transport, Western blotting, immunoprecipitation, in vivo metabolic labeling, antibody purification, gel chromatography, peptide column chromatography; Avail. Jan 95; Postdoc. in academia/industry; Southern US, Texas; PR. 2-4617

Ph.D., 1991; Physical chemistry, molecular biology; EXAFS, kinetics, spectroscopy, EPR, Mossbauer, protein purification/structure-function, characterization, site-directed mutagenesis, plasmid engineering, mechanisms of biomineralization using physicochemical studies of materials; Avail. Sep 94; Faculty/senior scientist in academia/industry. 8-4663

Ph.D., 1989; Genetics, cell biology, molecular biology; Embryonic stem cell injection/associated techniques, column chromatography, subcloning, electrophoresis, Western/Southern blots, spectrophotometry, tissue culture; Avail. Jan 95; Research in industry/academia; East coast. 7-4696

M.S., 1988; Protein chemistry, immunology, microbiology; Protein purification, affinity chromatography, ion exchange, size exclusion, electrophoresis, Western blotting, ELISA, LAL, enzyme kinetics, coagulation, cell/tissue culture, PAB/MAB production, microscopy, spectroscopy, GMP trained; Avail. Aug 94; Research in academia/industry. 0-4697

Ph.D., 1984; Enzymology, protein chemistry; Protein purification, steady state/fast kinetics, bioorganic synthesis, peptide synthesis, chromatography (HPLC, TLC, affinity, ion exchange, size exclusion), computer molecular modeling, UV-VIS/NMR; Avail. Oct 94; Research in academia/industry; Salary negot.; H1 visa. 2-4698

Ph.D., 1972; Biochemistry, molecular biology; Gene therapy, cloning, transgenic mice, PCR, oligonucleotide synthesis, gene library screening, sequencing, protein indinations, lipoprotein metabolism, RIA, ELISA, lipid/lipase assays, mono/polyonal antibody production; Avail. Aug 94; Research in academia/industry; Salary negot.; East/West coast. 2-4699

M.S., 1994 (expected); Cell/molecular biology; Mammalian cell culture, enzyme/quantitative immunoblot analysis, mRNA isolation/analysis, paraffin-embedded immunodetection, TLC, lipid extractions, MS-DOS, genomic DNA isolation, library construction/screening, Lambda/plasmid isolation, Southerns, PCR, DNA sequencing; Avail. Aug 94. 0-4700

Ph.D., 1982; Protein biochemistry, enzymology; Drug metabolism, LC, HPLC, GC/MS, electrophoresis, Western/Northern blotting, UV-VIS, protein purification/modification, protein mapping/sequencing, enzyme kinetics, drug/metabolite analysis, drug toxicities; Avail. Aug 94; Research in academia/industry; Salary negot.; PR. 2-4701

Ph.D., 1988; Biochemistry, biochemistry; Endocytosis, protein folding, translocation, cell motility, cytokines, FPLC, HPLC, ion exchange/affinity chromatography, chemical modification, radioactive labeling, 1-2D 2D PAGE, Westerns, EM, video microscopy; Avail. Jun 95; Research in academia/industry; Salary negot. 2-4702

Ph.D., 1994 (expected); Biochemistry, molecular biology, immunchemistry, insect embryology; Enzyme/proenzyme purification, TLC, HPLC, FPLC, Rotofer, Prep Cell, enzyme kinetics, limited proteolysis, Ab production, ELISA kit development, quality control, drug screening; Avail. Dec 94; Research in industry/academia; Salary negot. PR. 2-4703

Ph.D., 1995 (expected); Molecular biology, protein chemistry; RT-PCR, 3'-RACE PCR, cDNA library screening, DNA cloning/sequencing, gene expression/mutagenesis, Northern/Southern/Western blotting, HPLC, UV-VIS, protein purification, electrophoresis, in vitro assays; Avail. Dec 95; Research/postdoc. in academia/industry; Salary negot.; PR. 2-4704

Ph.D., 1991; Molecular biology, biochemistry, microbiology; Cloning, sequencing, site-directed mutagenesis, protein purification, enzymology, fermentation, genetics, HPLC, GC, Western/Southern/Northern blotting, immunocchemistry, reconstitution of membrane protein, microinjection; Avail. Aug 94; Research; PR. 2-4705

Ph.D., 1992; Bioengineering, tumor immunology, biochemistry; Small animal surgery, immunohistochemistry, flow cytometry, cytotoxicity/bioactivity assays, ELISA, RIA, MAb ascites production, tissue culture, therapy of cachexia; Avail. Sep 94; Research. 6-4706

Ph.D., 1993; Molecular biology, protein chemistry; Cloning, sequencing, electrophoresis, PCR, HPLC, protein/DNA preparation/purification, DNA/protein interaction; Avail. Sep 94; Research/development in academia/industry; Salary negot.; PR. 2-4707

Ph.D., 1994 (expected); Biochemistry, nucleic acid biochemistry/biophysics; NMR, restriction/modifying enzyme purification, molecular biological reagents, DNA sequencing/mutations/cloning, PAGE, HPLC, kinetics, RNA/protein interaction, Unix computer, RNA modeling; Avail. Dec 94; Research in academia/industry; Salary negot.; H1 visa. 2-4708

Ph.D., 1978; Biochemistry, reproductive/thyroid endocrinology; Growth factors, signal transduction, adenylyl cyclase, protein kinase C, lipid second messengers, cell culture, electrophoresis, Western blotting, immunoprecipitation, flow cytometry, cell cycle kinases, intracellular Ca2+, RIA, EIA, TLC; Avail. Aug 94; Washington, DC area; PR. 2-4709

Ph.D., 1995 (expected); Biochemistry, molecular biology; Cloning, cDNA library construction, DNA sequencing, Western/Southern/Northern blots, electrophoresis, protein purification/characterization, X-ray structural refinement; Avail. Jul 95; Research in academia/industry. 2-4710

Ph.D., 1991; Biochemistry, molecular biology, pharmacology, neuroscience; cDNA library construction, DNA sequencing, cloning, mutagenesis, PCR, Western/Northern/Southern blotting, receptor binding assays, RIA, HPLC, ribosylation assays, tissue culture; Avail. Aug 94; Research. 2-4711

Ph.D., 1995 (expected); Medicinal chemistry, pharmacognosy; Protein chemistry, biochemistry, immunology, cell culture, polyclonal antibody production, immunoprecipitation, protein kinase assays, receptor signaling, Western/Southern blotting, DNA sequencing, HPLC; Avail. Mar 95; Postdoc. in academia; Salary negot. 2-4712

Ph.D., 1990; Lipid biochemistry, protein chemistry, cell biology; Signal transduction, molecular biology, PAGE, Westerns, FPLC, HPLC, TLC, cell culture, cell transfections, protein/DNA/RNA purification, protein kinases, lipases, lipid metabolism, animal surgery; Avail. Jan 95; Research in academia/industry; Salary negot.; H1 visa. 2-4713

Ph.D., 1992; Chemical physics; High resolution electron microscopy, membrane protein purification, characterization, crystallization, time-resolved fluorescence, pica-second laser, gating kinetics of channel membrane protein reconstituted in planar lipid bilayer, computer programming; Avail. Sep 94; Salary negot.; PR. 8-4743

Ph.D., 1994 (expected); Physiology, protein chemistry; Protein purification, gel filtration, affinity/ion exchange chromatography, PAGE, Westerns, ELISA, iodination, autoradiography, Kupffer/endothelial cell isolation, protein clearance; Avail. Jan 95; Research in academia/industry in obesity research; Salary negot. 2-4744

Ph.D., 1988; Biochemistry, immunology, molecular biology; Established molecular biology laboratory, assisted in writing/establishing/directing/administrating/supervising/research proposals, cloning, sequencing/expressing gene, PCR, protein purification, HPLC, TLC; Avail. Aug 94; Science administrator/manager/scientist; Salary negot.; PR. 6-4745

Ph.D., 1994 (expected); Biophysics, chemistry, laser chemistry; Hemoproteins, protein conformational dynamics, ligands rebinding, kinetics, structure-function modeling, spectroscopy, time-resolved Raman, transient absorption, UV-VIS, IR, laser (ns, ps), EPR, stopped flow, PC/Macintosh/ Vax; Avail. Sep 94; Research/postdoc. academia/industry; PR. 8-4746
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The model JHS-100/100A curie point head space sampler represents advanced technology in purge-and-trap technique for analysis of solids, liquids, and gases. The volatile components are trapped into the adsorption tube, which is cooled with liquid nitrogen. The heart of the system is in the curie point heating system, which is used to desor the trapped volatiles. Twenty different Pyrofoils, a series of ferromagnetic alloys, are available with the system and have a temperature range from 160°C to 1040°C. Since each ferromagnetic alloy has a precise curie point temperature, the results obtained with the system is always reproducible. The sampler can be directly interfaced with most commercial gas chromatographs. DyChrom, 473 Sapena Court, #8, Santa Clara, CA 95054-2427, USA.

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The Floater™ is a microcentrifuge tube rack designed for 0.5, 1.5, and 2.0 ml-size microtubes. It can be used in water or ice baths or as a standard work rack. Integral molded buoys provide exceptional stability in water baths, and an open bottom design allows each tube in the rack to become completely surrounded by ice when placed in an ice bath. The rack is made from polypropylene and is suitable for boiling, autoclaving and freezing. A storage box with removable hinged lid can be used as a self-contained ice bath. Analtech, P.O. Box 7558, Newark, DE 19714, USA.

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Literature

Genosys' comprehensive catalog of synthetic biomolecule products describes a complete line of custom DNA, peptides, and peptide antisera in addition to standard DNA products. Custom-made DNA products include oligos, modified oligos, non-isotopically labeled oligos, oligo libraries, and genes for molecular biology research applications. Also offered are standard DNA products including linkers, adaptors, and conversion adaptors for cloning, arbitrary 10-mer primer kits for DNA fingerprinting and genetic mapping, anchored oligo-dT kits for differential cDNA amplification, and primers for sequencing and hybridization. Genosys Biotechnologies, Inc., 1442 Lake Front Cir., Suite 185, The Woodlands, TX 77380-3600, USA.

A 64-page catalog describes Coregel columns, two lines of silica-based columns, and several columns for carbohydrate and organic determinations. Interaction Chromatography Inc., 2032 Concourse Dr., San Jose, CA 95131, USA.

Sample Preparation Using Microlab Dilutors/Dispensers is a six-page, full-color brochure highlighting Hamilton's entire family of microlab dilutors/ dispensers. Several different models range from the inexpensive, reliable Microlab 500A Series, which allows you to store one method at a time, to the Microlab 500B, which allows you to program and store up to 20 methods, to the top-of-the-line Microlab 1000 PLUS, which can program, store, and print 47 methods. Hamilton Co., P.O. Box 10030, Reno, NV 89520-0012, USA.

The Markson four-color science catalog contains more than 1500 products: laboratory instrumentation, equipment and supplies for use in the laboratory and the field, complete sections for pH instruments and electrodes, environmental analysis, glassware and plasticware, safety products, specialty lab supplies, and filters and filtration products. Also included are a portable electronic laboratory, hand-held meters and monitors, and environmental samplers. Markson, 5285 N.E. Elam Young Pkwy., Suite A-400, Hillsboro, OR 97124-6462, USA.

Brochure on new technology for packaging low cost, high performance chromatography columns describes POROS® Self Pack™ technology, the first that allows chromatographers to pack their own high resolution, high capacity columns. Columns can be packed with 10 μm and 20 μm POROS media at one-tenth the cost of conventional high performance columns. The key is a technology that overcomes the speed limitations of conventional chromatography without sacrificing resolution or binding capacity. PerSeptive Biosystems, Inc., University Park at MIT, 38 Sidney St., Cambridge, MA 02139, USA.

Software For Science (volume 25) is a comprehensive catalog of scientific and technical software for DOS, Windows, Macintosh, and UNIX workstations. It describes 1500 software products for scientific and technical applications. Articles contain tips and how to information on buying complex scientific and technical software. SciTech International, Inc., Bailiwick Court Bldg., 2231 N. Clybourn Ave., Chicago, IL 60614-3011, USA.

A quarterly newsletter for researchers in the life sciences from the American Type Culture Collection (ATCC) provides useful articles for scientists and educators, announces new ATCC culture catalog editions, and lists new cultures available from ATCC. The most recent edition (4, 13) describes 235 new cultures from ATCC including 52 strains of bacteria, 8 cell lines, 7 hybridomas, 51 strains of fungi and yeasts, 65 cloned genes and probes, 45 vectors, and 7 plant viruses and antisera. Requests for free subscriptions can be mailed, faxed, or telephoned to the American Type Culture Collection, 12301 Parklawn Dr., Rockville, MD 20852, USA; telephone 301-881-2600, 301-816-4367.

A brochure details Jouan's DS320 petri plate pourer and stacker, a compact microprocessor-controlled unit designed to fill and stack petri plates at a rate up to 900 plates/h. It is a companion unit to the Jouan line of SH series automatic agar sterilizers. The brochure features media volume range of 5ml to 99ml, repeatability (+/- 0.5ml), and accuracy (+/- 5%). It describes the safety features including UV light with eye protection cover, automatic shut-off plus audible and visual alarms for upside-down or half plate, elevator, carousel or table jam, pump jam or power failure. Jouan, Inc., 110-B Industrial Dr., Winchester, VA 22602, USA.

On the Internet is Millipore's 1994-95 Laboratory and Health Care Products catalog. Access the URL menu and type: http://www.millipore.com and then select the items of interest. Users can get details on several thousand products encompassing microbiology, chemical/industrial, quality assurance, Medical/Clincial/Diagnostic and molecular biology. Subject headings and tabs of contents guide the computer user to product descriptions. Millipore Corp., 80 Ashby Rd., P.O. Box 9125, Bedford, MA 07130-9215 USA.
The American Society for Cell Biology
Thirty-fourth Annual Meeting
San Francisco, California
December 10-14, 1994

SYMPOSIA

Saturday, December 10
Keynote Address: Human genetic disorders and the human genome project
Francis S. Collins, National Center for Human Genome Research, National Institutes of Health

Symposium I: Cellular disease mechanisms and therapeutic strategies
Michael Welsh, Howard Hughes Medical Institute, University of Iowa College of Medicine
Helen Blau, Stanford University School of Medicine
Stanley Prusiner, University of California, San Francisco

Symposium V, Heinz Hermann Symposium: Cell fate specification and patterning during embryogenesis
Judith Kimble, University of Wisconsin
Christiane Nüsslein-Volhard, Max-Planck Institut, Tubingen
Richard Harland, University of California, Berkeley

Tuesday, December 13
Symposium VI: Molecular machinery of the secretory pathway
James Rothman, Memorial Sloan Kettering Cancer Center
Mary-Jane Gething, University of Texas Southwestern Medical Center
Susan Michaelis, Johns Hopkins University School of Medicine

Symposium VII: Programmed cell death
H. Robert Horvitz, Massachusetts Institute of Technology
Martin Raff, University College London
Stanley Korsmeyer, Washington University

Wednesday, December 14
Symposium VIII: Biological functions of cell adhesion
Mark Ginsberg, Scripps Research Institute
Caroline Damsky, University of California, San Francisco
W. James Nelson, Stanford University School of Medicine

Symposium IX: From the cell surface to the nucleus
Keith Yamamoto, University of California, San Francisco
Joanne Chory, Salk Institute
Joseph Schlessinger, New York University Medical Center

IMPORTANT DEADLINES

Abstract Submission
August 1

Placement Service Preregistration
October 31

Preregistration
October 7

Hot Papers Abstract Submission
November 1

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October 7

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November 3

For additional information contact The American Society for Cell Biology, 9650 Rockville Pike, Bethesda, Maryland 20814-3992; Tel: 301-530-7153; Fax: 301-530-7139
A Selection of Recent Articles

- Accumulation of Adoptively Transferred A-NK Cells in Murine Metastases: Kinetics and Role of Interleukin-2. P.H. BASSE, R.H. GOLDFARB, R.B. HERBERMAN, M.E. HOKLAND (Aarhus C, Denmark; Pittsburgh, PA, USA).
- Biological Response Modifiers as Adjuvants in Monoclonal Antibody-Based Treatment: A Review. F. GUADAGNI, M. ROSELLI, C. NIERODA, C. DANSKY-ULLMANN, J. SCHLÖM, J.W. GREINER (Rome, Italy; Bethesda, MD, USA).
- Host-tumor Interactions in the Progression of Breast Cancer Metastasis. J.E. PRICE (Houston, TX, USA).
- Diverse Roles of Insulin-Like Growth Factors in Pediatric Solid Tumors. S. HIRSCHFELD, L. HELMAN (Bethesda, MD, USA).
- Reduced Oncogenic Potential Associated with Differentiation of the Lücke Renal Adenocarcinoma. R.G. MCKINNELL (Saint Paul, MN, USA).
- Ten Years of Tumor Imaging with Labelled Antibodies. S. VON KLEIST (Freiburg, Germany).
- Suppression of EJ Cells Tumorigenicity. T. TONE, M. KASHANI-SABET, T. FUNNATO, T. SHITARA, E. YOSHIDA, B.I. KASHIAN, M. HORING, G. PODSTAD, K.J. SCANLON (Kanagawa; Sendai, Japan; Oslo, Norway; Basel, Switzerland, CA, USA).
- Expression and Distribution of Transforming Growth Factor β and Decorin During the Fracture Healing. K. MATSUMOTO, S. MATSUNAGA, T. IMAMURA, Y. ISHDOU, H. YOSHIDA, T. SAKOU (Kagoshima, Japan).
- TNFα Expressing Cells in Epidermal Tumors: Correlation with ICAM-1 Induction on Keratinocytes and Langerhans Cell Distribution. J. VIAC, D. SCHMITT, A. CLAUDY (Lyon, France).
- Analysis of the Antimetastatic Effects of Synthetic Muramyl Tripeptide (CGP 19835A) Encapsulated in Liposomes in Combination with Other Immunomodulatory Agents and Chemotherapeutic Drugs. J. BEZAULT, C. WALSH, L. TARCAY, H. FROST, L. LIEBES, P. FURMANSKI (New York, NY, USA; Basel, Switzerland, CA, USA).
- Effect of Reduction of Inhaled Corticosteroid on Bronchial Hypersensitivity in Asthmatics. A. KAWASAKI, Y. MIZUSHIMA, R. OOSAKI, K. HOSHINO, M. KOBAYASHI (Toyota, Japan).

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