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

8-10 June. Second Annual PCR: Applications, Alternative Technologies & New Techniques, San Francisco, California, USA. (Cambridge Healthtech Inst., 1000 Winter St., Ste. 3700, Waltham, MA 02154, USA)


27-28 June. ASPET Colloquium: Role of Adhesion Molecules in Cardiovascular Control, Ann Arbor, Michigan, USA. (ASPET, 9650 Rockville Pike, Bethesda-MD 20814-3995, USA)

6-8 July. The 169th Meeting of the Pathological Society of Great Britain and Ireland, Glasgow, Scotland. (J. Edwards, Pathological Society of Great Britain and Ireland, 2 Carlton House Terrace, London, SW1Y 5AF, United Kingdom)

7-8 July. Stable Isotopes in Nutritional and Metabolic Research. 2nd World Conference, Rotterdam, The Netherlands (Erasmus Forum, Erasmus U. Rotterdam, P. O. Box 1738, NL-3000 DR Rotterdam, The Netherlands)

11-15 July. American Dairy Science Association and the American Society of Animal Science Joint Meeting, Minneapolis, Minnesota, USA. (ADSA/ASAS, 309 W. Clark St., Champaign, IL 61820-4690, USA)

13-17 July. Immunoglobulin Gene Expression in Development and Disease, Montréal, Québec, Canada. (Conf. Dept., NYAS, 2 E. 63rd St., New York, NY 10021, USA)

14-16 July. 9th Annual Meeting of the American Academy of Clinical Neurophysiology, Boston, Massachusetts, USA. (AACN, 5700 Old Orchard Rd., First Floor, Skokie, IL 60077, USA)


8-13 September. 10th International Conference on Methods in Protein Structure Analysis, Snowbird, Utah, USA. (Secretariat MPSA-94, 215E Anderson Bldg., Baylor Coll. of Med., Houston, TX 77030, USA)

19-22 September. 16th International Congress of Biophysics and Molecular Biology, New Delhi, India. (ASHMB, 9650 Rockville Pike, Bethesda, MD 20814-3996, USA)

20-23 September. Steroid Receptors and Antihormones, Dallas, Texas USA. (Conf. Dept., NYAS, 2 E. 63rd St., New York, NY 10021, USA)


30 September-5 October. Structural Molecular Biology, Mont Ste. Odile, France. (J. Hendekovic, European Science Found., 1 quasi Lezay-Marnésia, F-67008 Strasbourg Cedex, France)

1-6 October. Biology of Cartilage and Bone: Molecular and Cellular Aspects of Cartilage and Bone, Giron, France. (J. Hendekovic, European Science Found., 1 quasi Lezay-Marnésia, F-67008 Strasbourg Cedex, France)

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

7-10 October. ASBMB Fall Symposium: Genetic and Biochemical Approaches for Studying Cell Death, Lake Tahoe, California, USA. (ASBMB Society Off., 9650 Rockville Pike, Bethesda, MD 20814-3996, USA)

9-14 October. Xth International Symposium on Atherosclerosis, Montréal, Québec, Canada. (General Secretariat, Gerry Lou & Associates, 1224, Stanley St., Ste. 211, Montréal, Québec H3B 2C7, Canada)

14-17 October. ASBMB Fall Symposium: Mechanisms of Regulated Intracellular Protein Degradation, Whistler, British Columbia, Canada. (ASBMB Society Off., 9650 Rockville Pike, Bethesda, MD 20814-3996, USA)

21-23 October. Osteopontin: Role in Cell Signalling and Adhesion, New Brunswick, New Jersey, USA. (Conf. 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 Natl. Off., 9650 Rockville Pike, Bethesda, MD 20814-3998, USA)

14-18 November. The Thirty-Third Annual Eastern Analytical Symposium & Exposition, Somerset, New Jersey, USA. (P. Meta, Lonzia, Inc., 79 Route 22 East, Annandale, NJ 08801, USA)

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

1995

4-9 February. The 1995 Miami Bio/Technology Winter Symposium, Advances in Gene Technology: Protein Engineering and Structureal Biology, Ft. Lauderdale, Florida, USA. (Miami Bio/Technology Winter Symposium, P. O. Box 86129 (MB23), Miami, FL 33101, USA)

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

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

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

Courses and Workshops 1994


4-5 July. Basic Procedures for Medical Virology, Nagoya, Japan. (M. Hamaguchi, Dept. of Molecular Pathogenesis, Nagoya U. Sch. of Med., Turumai-cho 65, Showa-ku, Nagoya 466, Japan)


18-30 July. Advanced Molecular Biology of Parasitic Protozoa, Sao Paulo, Brazil (Dept. de Parasitologia, Inst. de Cienças Biomédicas, U. de Sao Paulo, Av. Prof. Lineu Prestes, 1374, CEP, 05065-900 Sao Paulo SP, Brazil)


15-28 August. Plant Biotechnology, Gödöllö, Hungary. (E. Bálás, Agricultural Biotechnology Ctr., Szent-Györgyi Albert St. 4, P. O. Box 41, H-2101 Gödöllö, Hungary)

21-27 August. Advances in Wastewater Treatment Technology, Hong Kong, China. (S. Chang, c/o Dept. of Biotechnology, The Chinese U. of Hong Kong, Shatin, N.T., Hong Kong, China)

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


POSITIONS AVAILABLE — Line advertisement: $25 per line (70 characters), $250 (10 line) minimum. Display advertisement: $400 for ¼ page, 3½ inches x 2½ inches; $700 for ¼ page, 3½ inches x 4½ inches; $1200 for ¼ page, 3½ inches x 9½ inches (vertical) or 7½ inches x 4½ inches (horizontal); $2000 for full page, 7½ inches x 9½ inches. (For display ads, add 5% if mechanical not submitted.) Advertisements will appear in next available issue unless otherwise specified. Deadline for receipt of copy is 5th day of month before publication. Payment, purchase or insertion order, written invoicing instructions, or MasterCard or VISA account number with expiration date and signed authorization 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 compose these advertisements. Primary employers desiring identification and additional details concerning advertisers should write, indicating hyphenated number appearing as last element of advertisement; a one-page registration from advertiser(s) will be mailed immediately. Advance telephonic determination of availability of advertisers from back issues is recommended. Employers not currently registered with Placement Service for meeting participation are charged a minimum fee of $50 for identification of up to 10 advertisers, plus $5 for each above 10, payable in advance to FASEB Placement Service.

Correspond to FASEB Placement Service, 9650 Rockville Pike, Bethesda, MD 20814-3998 (301) 530-7020, FAX (301) 530-7001.

RESEARCH FACULTY. University of Miami's Transplant Program is now accepting applications for Research Faculty position, M.D. or Ph.D. in immunobiology or related field, with experience in clinical or experi- mental bone marrow transplantation. Experience with virologic or recombinant DNA techniques desired, as well as with immunoc hemical separation of proteins, and cellular immune in vitro methodology, T cell cloning immunosays and flow cytometry. Salary commensurate with experience. Send curriculum vitae, salary requirements, and related research articles to Dr. Joshua Miller, University of Miami School of Medicine, Department of Surgery, P. O. Box 012440, Miami, FL 33101. An Affirmative Action/Equal Employment Opportunity Employer.

CLINICAL CHEMISTRY POSTDOCTORAL FELLOWSHIPS. Mayo Clinic seeks applicants for two year ComACC-approved fellowship directed toward qualified individuals (Ph.D. or M.D. required) pursuing careers in clinical chemistry. Individuals completing the program are eligible for certification by the American Board of Clinical Chemistry. Applications on file by October 31, 1994, will be considered for appointment beginning in July 1995. Contact Mary F. Burritt, Ph.D., Division of Clinical Biochemistry, Mayo Clinic, Rochester, MN 55905, for more information. Mayo Foundation is an affirmative action and equal opportunity educator and employer.

POSTDOCTORAL. The University of North Dakota, Department of Surgery has an opening for a postdoctoral position in basic science research involving shock or oncology. Applicants must have a Ph.D., experience and knowledge in molecular biology, interest/experience in graduate/undergraduate teaching and a record of publication. A joint appointment with a basic science department is possible. Responsibilities will include enhancing basic research activities in the department and participation in surgery resident and medical student education. Qualified individuals should send their curriculum vitae and the names of three references to David R. Antonenko, M.D., Ph.D., FACS, Professor and Chairman, University of North Dakota, Department of Surgery, P. O. Box 9037, Grand Forks, ND 58202-9037. The University of North Dakota is an Equal Opportunity/Affirmative Action Employer.

Primary employers not finding advertisements that appear to match current or projected needs may request a search of all active candidate files. Telephone a description of desired qualifications; results of search will be discussed telephonically with requesting official, and registrations from candidates declared suitable will be forwarded. Employers not currently registered with Placement Service for meeting participation are charged a minimum fee of $50 for up to 10 identifications, plus $5 for each above 10. FASEB assumes no obligations as to qualifications of candidates 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. U.S. national and state laws 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. FASEB endorses these principles and reserves the right to edit all copy and to refuse advertisements not in consonance therewith.

Employment outside 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. U.S. Embassies in countries of interest to potential employees should be able to provide data concerning internal conditions.

FACULTY POSITION

DEPARTMENT OF PHARMACOLOGY AND TOXICOLOGY

UNIVERSITY OF UTAH

Applications are invited for a tenure-track position in the Department of Pharmacology and Toxicology at the assistant professor level. Applicants must have a doctoral degree, significant postdoctoral research experience, and demonstrated ability to be productive in an academic setting; salary will be commensurate with experience. Current areas of strength in the department include neuropharmacology, neurotoxicology, human and biochemical toxicology, drug metabolism, cardiovascular pharmacology, molecular pharmacology and molecular biology. We are seeking a candidate who either has expertise in one of these fields or can augment the department's areas of expertise. Successful applicants will be expected to develop a strong, independent research program with external funding as well as participate in teaching at both graduate and professional levels. The department particularly encourages applications from women and minorities for this position.

Candidates should submit a letter of application, a brief statement of research objectives, curriculum vitae, and at least three letters of recommendation. Please submit responses to:

Douglas E. Rollins, M.D., Ph.D.  
Search Committee Chair  
Department of Pharmacology and Toxicology  
112 Skaggs Hall  
University of Utah  
Salt Lake City, UT 84112  
(801)581-5117

Applications should be submitted by July 1, 1994, but later applications may be considered if no suitable candidates have been identified by the deadline. The University of Utah is an Equal Opportunity/Affirmative Action Employer.
RESEARCH PHYSICIST
NAVAL RESEARCH LABORATORY
GS-1310-13
$49,947* (or higher step in accordance with regulations)
*Pay is based on a 4.23% locality pay adjustment - base pay is $47,920

The Naval Research Laboratory is actively recruiting for a Research Physicist to independently perform research in theoretical and experimental physics and to serve as a research Program Manager with responsibility for formulating research programs, soliciting funding for and guiding research in the areas of self-assembling structures, complex fluids, and molecular materials. The selectee will utilize a number of techniques required to elucidate the structure, physical properties and function of the microstructures/phases in relation to their molecular architecture. It is expected that the selectee will utilize the results from the basic research programs and formulate application-oriented programs of technological relevance to the Navy and DoD. The selectee will maintain knowledge of and utilize to the fullest extent, research methodologies and results in the areas of self-assembling structures, complex fluids, and molecular materials.

Position requires a bachelors degree or higher in physics or a related field and demonstrated experience in the areas of complex fluids, liquid crystals, and polymeric systems with special relevance to electro-optic, pyroelectric, fiber optic biosensors, and holographic applications including self-assembling lipid micro- and nano-structures, and cubic phases for biomedical and material development applications, as well as demonstrated experience in utilizing and applying the following equipment and techniques: fiber optic biosensors, dielectric spectroscopy, photon correlation spectroscopy, differential scanning calorimetry, polarization and differential interference contrast microscopy, synchrotron techniques and x-ray and electron diffraction techniques.

To apply: Interested applicants may contact Ms. Patti Reed at (202)404-8308 to request a copy of Vacancy Announcement #69-0008-94, application forms, and/or information. Applicants should submit a comprehensive Personal Qualifications Statement (SF-171) postmarked by May 31, 1994 to:

NAVAL RESEARCH LABORATORY
Human Resources Office (Attn: Code 1812.1PCR)
4555 Overlook Avenue, S.W.
Washington DC 20375-5320

AN EQUAL OPPORTUNITY EMPLOYER • US CITIZENSHIP REQUIRED

ASSISTANT PROFESSOR. The George Washington University Medical Center seeks to fill a newly created position at the assistant professor level to study the cellular basis of shock. Ph.D. and a proven track record of academic performance required. The individual will direct research efforts as part of a research-clinical team. Strong expertise is expected in cellular biochemistry/physiology with a specific focus on elucidating basic injury mechanisms in disease pathogenesis. Current areas of interest include the role of divalent cations and oxidative/reductive stress as mediators of cellular dysfunction. Start-up funds and ample laboratory space will be provided. The anticipated start date is August 1, 1994. Forward curriculum vitae and names and addresses of three references to Michael Salem, M.D., Director of Research, Department of Surgery, George Washington University Medical Center, 2150 Pennsylvania Avenue, N.W., Washington, D.C. 20037. George Washington University is an Equal Opportunity/Affirmative Action Employer.

POSITIONS DESIRED

Ph.D., 1985; Zoology, pathobiochemical toxicology inhalation, pulmonary physiology; Chemiluminescence, electrophoresis, monokines, cytokines, enzyme biochemistry/histochemistry, cell purification/identification, free radical tissue injury, cell culture, cytotoxicity assay; Avail. May 94; Research in academia/industry; Salary negot.; H1 visa. 1-4001

Ph.D., 1982; Biophysics, biochemical pharmacology, lipid, protein biochemistry; Lipid peroxidation, antioxidants, cytochrome P-450, lipoproteins, pharmacokinetics, drug toxicities, EPR, UV-VIS, GC, HPLC, TLC, cell culture, electrophoresis, Southens/Westerns, animal surgery, cataract, diabetes, ischemia models; Avail. May 94; Research in academia/industry; Salary negot.; PR. 2-4209

Ph.D., 1994 (expected); Biochemistry: Structure/function relationships, molecular biology, cloning, DNA sequencing, site-directed mutagenesis, transcriptional regulation, electrophoresis, protein isolation, ion exchange chromatography, UV-VIS spectroscopy; Avail. Sep 94; Research in academia/industry. 2-4278

Ph.D., 1982; Membrane, lipid biochemistry/biophysics; Liposomal/reconstituted methods, separation/analytical methods, spectroscopy/fluorescence methods, calorimetry, X-ray/neutron diffraction methods, cell culture, electron microscopy; Avail. May 94; Research industry/academia. 8-4279

Ph.D., 1988; Membrane biophysics; Lipid-protein interaction, fluorescence spectroscopic techniques, ESR, protein reconstitution, model membranes, photosynthetic membranes, ion channels, toxins, ion transport, patch clamping, ELISA, Western blotting; Avail. May 94; Research in academia/industry; Salary negot.; H1 visa. 8-4282

Ph.D., 1995 (expected); Biochemistry, kinetics, enzymology, chemistry, protein chemistry, molecular biology; Electron microscopy, stopped-flow, quench flow, in vitro motility assay, protein purification, electrophoresis, chemical synthesis, TLC, gene identification, transfection; Avail. May 95; Postdoc./research in academia/industry; F1 visa. 2-4283

Ph.D., 1992; Biochemistry, biophysics; Protein structure-function, physical chemistry of protein-protein/protein-DNA association, thermodynamics, kinetics, calorimetry, sedimentation equilibrium/velocity, protein mutagenesis, protein recombinant expression/purification, antibody engineering; Avail. Jun 94; Research in industry; Salary negot. 8-4284

Ph.D., 1994; Biophysical chemistry; Drug-DNA interaction, fluorescence, UV-VIS, CD, NMR, HPLC, molecular modeling, electrophoresis, YAG laser, dye laser, fluorescence, IR, computer programming in MATLAB. Avail. Jun 94; Research academia/industry; PR. 8-4286

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Ph.D., 1987; Endothelium/cardiovascular physiology; Pharmacokinetics, 14 years large animal surgical model, microsurgery, micropuncture, cell culture/isolation, histochemistry, gel chromatography, PAGE, immunoelectrophoresis, isoelectric focus; Avail. May 94; Research; San Francisco Bay area.
1-4335

M.D., 1991; Medicine; Cell culture, animal surgery, protein biochemistry, SDS-PAGE, Western blotting, ELISA, RIA, DNA/RNA preparation, Northern blotting; Avail. May 94; Postdoc. in academia/industry; Salary negot.; J1 visa.
2-4336

Ph.D., 1990; Anaerobic/general microbiology; Isolation, identification, culture collection maintenance of fungi/bacteria, measuring/characterizing enzymatic activities, culture conditions optimization; Avail. Aug 94; Research in academia/industry; Salary negot.; Now in Japan.
2-4337

Ph.D., 1989; Molecular pharmacology, toxicology; Drug metabolism/resistance, cloning, library construction, sequencing, cell culture, Southern/Northern/Southwestern blots, gel shift assay, HPLC, in vivo tumor model, protein purification, antibody production, cytotoxicity/enzyme assay; Avail. Sep 94; Research in academia/industry; Northeast.
3-4339

Ph.D., 1994 (expected); Human nutrition, immunology, molecular and cellular biology; Human metabolic study, animal study, nutrient analysis, HPLC, GC, cell culture, cytokines, cytotoxicity, cloning, blotting analysis, RIA, PCR, radioisotope labeling, statistics; Avail. Sep 94; Research in academia/industry; Salary negot.; PR.
5-4340

Ph.D., 1984; Cellular and molecular biology; Cell adhesion molecules/endothelial cell biology, steroid nuclear binding, tissue culture, Ab production, ELISA, light microscopy, electrophoresis, Northern/Southern/Western blotting, PCR, sequencing, mammalian expression systems; Avail. May 94; Research in government/industry; Salary negot.
7-4342

Ph.D., 1994 (expected); Neuroanatomy; Neuroanatomical tract-tracing in basal forebrain, including olfactory bulb, tracer methods for fluorochromes, WGA-HRP, cholera toxin B, PHA-L, neural tissue transplantation, immunohistochemistry, stereotactic surgery, light/fluorescence/electron microscopy; Avail. Jan 95; Postdoc.; Southeast.
9-4343

M.D., 1985; Cardiovascular/endocrine physiology/pharmacology, vascular/endocrine/neuropharmacology; Vasopressin, nitric oxide, renal/systemic hemodynamic, vasoactive hormones, receptors agonists/antagonists, RIA; Avail. Jul 94; Postdoc. or research/teaching in industry; J1 visa.
1-4345

Ph.D., 1991; Environmental health science, air pollution toxicology, pathology, biochemistry; DNA purification, tissue isolation, isolation of cell lines, small animal surgery; UV-VIS, fluorescence spectroscopy; GC; Avail. Jul 94; Teaching/research in academia/industry.
2-4346

Ph.D., 1991; Biochemistry, molecular biology; Cloning, mammalian expression vector construction, DNA sequencing, Western/Southern/Northern blotting, RT-PCR quantitation, site-directed mutagenesis, ribozyme design/applying, in vitro transcription/translation, protein purification, animal handling; Avail. Jul 94; Research academia/industry; PR.
2-4347

Ph.D., 1984; Biochemistry, immunology, molecular biology; Recombinant protein production/purification, transcription factors/DNA interactions, tissue culture, hybridoma technology, cytokine assays; Avail. Jul 94; Research/teaching in academia/industry; Salary negot.; J1 visa.
2-4348

Ph.D., 1990; Biochemistry, enzymology; Protein purification/characterization, enzyme kinetics/modeling, in vitro transcription, coupled enzyme assays, ELISA, electrodiagnostology, electrophoresis, TLC, column chromatography, sucrose gradient, immobilization of proteins, computer programming; Avail. Jul 94; Research academia/industry; H1 visa.
2-4349

Ph.D., 1987; Biochemistry, physical chemistry; Structural biology, structure-function studies, enzymology, 2-D/3-D heteronuclear protein NMR spectroscopy, UV-VIS spectroscopy, transient/pre-steadystate kinetics, protein purification, SCI Indigo, PC 486, Macintosh 165; Avail. May 94; Research in government/industry; Salary negot.
2-4350

Ph.D., 1991; Nutrition, biochemistry; Trace mineral metabolism, protein purification, electrophoresis, Western blotting, polyclonal Ab production, animal surgery, enzyme assays, lipid peroxidation; Avail. Aug 94; Research; Salary negot.
5-4351

Ph.D., 1990; Immunology, tumor immunology, therapeutic; Viral superantigens, in vivo murine tumor models, tissue culture, T cell cultures, immunological assays, cytokine assays, flow cytometry, ELISA, PCR, electrophoresis, Western blot, hybridoma production; Avail. May 94; Research/teaching in academia/industry; Salary negot.
6-4353

Ph.D., 1991; Immunology, tumor biology; Flow cytometry, tissue culture, cytotoxicity assays, T cells/NK cells, MAb purification, in vivo depletions, antisera generation enzyme dissociation of lungs/livers/tumors, mouse injections/surgery; Avail. May 94; Research in hospital/academia/industry; teaching; Salary negot.
6-4354

Ph.D., 1991; Immunology; Mouse autoimmunity, type 1STZ diabetes in NOD mouse/thyroiditis, tissue culture, macrophage/T/B cells, nitric oxide, cytokine, cytotoxicity assays, T cell hybridomas, FACS, in vivo in vitro MAb depletions, histology, islet/insulin isolation, injections; Avail. May 94; Postdoc. in academia/industry; Salary negot.
6-4355

M.S., 1994 (expected); Nutrition; In vitro cell culture models, radioactive isotopes, atomic absorption spectrophotometry, cell culture, protein assays, gel filtration chromatography, fluorescence microscopy; Avail. Aug 94; Research academia/industry; Salary negot.; FI visa.
0-4356

Ph.D., 1995 (expected); Biochemistry; Steady state, presteady state/single turnover kinetics (rapid-quench machine), computer fitting/simulations, nucleic acid/protein purification, cloning techniques, gel filtration/gel shift to measure rate/equilibrium constants; Avail. Mar 95; Postdoc. in academia/industry; Salary negot.
2-4358

Ph.D., 1989; Physiology; Cell membrane transport, receptor site-directed mutagenesis, molecular biology, PCR, SOE, plasmid ligation, bacterial transformation, mammalian cell transfection/stable, clonal cell propagation, ligand binding/transport kinetics, Northern/Western blotting, ELISA; Avail. Jul 94; Salary negot.
2-4359

Ph.D., 1991; Immunology, molecular biology, protein chemistry; PCR, cloning, sequencing, gene expression, protein purification, HPLC, electrophoresis, Western/Southern/Northern blotting, MAb production, T cell line generation, ELISA, radioligand binding, tissue culture; Avail. Sep 94; Research in academia/industry; Salary negot.; HI visa.
6-4360

Ph.D., 1994 (expected); Immunology (cellular/molecular); Cloning, protein expression, purification, Western/Southern/Northern blotting, sequencing, RIA, ELISA, flow cytometry, tissue culture, MAb production, animal experiments, cell proliferation/cytotoxicity assays; Avail. Sep 94; Postdoc. in academia/industry; Salary negot.; FI visa.
6-4361

Ph.D., 1981; Experimental psychology; Eighteen years experience laboratory automation, producing turn-key systems, computer based testing systems, software development, human factors, technical writing, PC support/general problem solving; Avail. May 94; Industry/academia.
1-4363

D.V.M., 1990; Ph.D., 1994 (expected); Cardiovascular physiology, pharmacology, pathology; Histology, laboratory animal surgery, chronic instrumentation of laboratory animals, RIA, statistics, pharmacology of the renin-Ang II system; Avail. Sep 94; Research academia/industry. 1-4366

Ph.D., 1984; Physiology; Fetal physiology, fluid balance, hormonal influences on fetal renal physiology, receptor isolation/characterization, in vitro smooth muscle (vascular/bronchial/coliconic), isolated vessel preparations, ontogeny of receptor function, calcium antagonists, PAGE, RIA, tracer methodology, large animal surgery; Avail. Jul 94; Research.1-4367

Ph.D., 1994 (expected); M.D., 1989; Molecular pharmacology/toxicology, molecular biology; Southern/Northern/Western blot, PCR, cloning, in vitro transcription, transfection, drug metabolism, pharmacokinetics, quinone drug analysis, cytotoxicity assay, HPLC, free radical research, tissue culture; Avail. Aug 94; Research in academia/industry; PR. 1-4368
Ph.D., 1989; Nutrition (foods, anthropology); Zinc/growth, morbidity, behavior, sociodemographics in children, AAS of diets, tissues, fluids; Avail. Jun 94; Research/teaching in academia/government. 5-4369

Ph.D., 1994 (expected); Nutrition; Nutritional biochemistry, antitumorogenic effects of sulfur compounds present in garlic, cell culture, interactive laser cytometry, HPLC, electrophoresis, RIA, enzyme assays, statistics; Avail. Sep 94; Research in industry/academy; Salary negot.; F1 visa. 5-4370

Ph.D., 1989; Biochemistry, molecular biology, protein chemistry; Cloning, library construction, prokaryotic gene expression, PCR, sequencing, electrophoresis, Western/Northern/Southern, site-directed mutagenesis, protein purification, liquid chromatography, molecular modeling; Avail. Jul 94; Research in industry; Mid-Atlantic. 2-4371

Ph.D., 1991; Nutrition, biochemistry, zoology; Whole-body metabolism of N, water, energy, fiber digestion, digesta flow, gut fermentation, body composition, proximate analysis, atomic absorption, GC, radioactive/stable isotopes; Avail. Jun 94; Research with teaching/administration in academia/industry; Salary negot.; Washington, DC; Pr. 5-4372

Ph.D., 1994 (expected); Human nutrition; Trace elements in human renal disease, Northern/Western blotting, electrophoresis, ELISA, histology, RID, protein purification, reperfusion, antibodies, RNA extraction, phlebotomy/transplantation nutrition experience; Avail. Aug 94; Postdoc. in academia or research; Salary negot. 5-4373

Ph.D., 1994 (expected); Animal science, immunology; Interactions between immune/endocrine systems, MAB production, tissue culture, protein purification, SDS-PAGE/Western blot, ELISA, radioreceptor assay, hematology, blood banking; Avail. Jul 94; Research in academia/industry; F1 visa. 6-4374

Ph.D., 1994 (expected); M.D., 1989; Physiology, molecular biology; Cloning, restriction analysis, electrophoresis, reporter gene assay, gene transfer, Southern/Northern/Western blotting, image analysis, cell culture, animal surgery, PCR/RT-PCR, RIA; Avail. Jul 94; Postdoc. in academia; Salary negot.; F1 visa. 1-4375

Ph.D., 1994 (expected); Molecular biology, protein biochemistry; Cloning, mutant cDNA construction, RT, PCR, Western/Southern/Northern blotting, RNA extraction/quantitation, cell culture, protein purification, HPLC, RIA, Ab production, animal surgery, statistics; Avail. Jul 94; Postdoc. in academia/industry; Salary negot.; F1 visa. 2-4376

M.D., 1975; Cell biology, endocrinology; Signal transduction, cell Ca, PKC isoforms, G-protein, PLC, PLA2, cell culture, Western blotting, RIA, electrophoresis, fluorospectrometric assays for cytosolic Ca, Na, pH, chromatography assay for IP fractions, isotopic assays for AA release; Avail. Jul 94; Research in academia/industry; H1 visa. 7-4377

Ph.D., 1984; Biochemistry, immunology; Protein chemistry/purification, HPLC, centrifugation, peptide synthesis, membrane isolation, enzymology, cytotoxicity, granule exocytosis, tissue culture, electrophoresis, Western blotting, flow cytometry, spectroscopy, ELISA, lymphocyte function; Avail. Jul 94; Research in industry/academy; Salary negot. 2-4378

Ph.D., 1991; Pharmacology; Molecular/cellular/neurochemical mechanism of brain nitric oxide/gene expression of NO synthase by in situ hybridization, Northern blotting, transcription, extra/intracellular recording, HPLC-EC, receptor radioligand binding, animal surgery; Avail. Jul 94; Research in academia/industry; PR. 3-4379

Ph.D., 1992; Cellular/tumor immunology; Tissue culture, MAB production/purification, functional assays (cytotoxicity, chemiluminescence, proliferation, cytokines), flow cytometry (phenotype, sort, DNA ploidy), Western/Southern blots, PAGE; Avail. Jun 94; Research. 6-4380

Ph.D., 1994 (expected); Immunology, molecular biology, protein chemistry; Cell culture, cytokines, macrophage isolation, cytotoxicity assays, animal surgery, antibody production, cloning, protein purification, column chromatography, Western/Northern/Western blotting, microbiological work; Avail. Sep 94; Research in academia/industry; Salary negot. 5-4381

Ph.D., 1994 (expected); Biochemistry, molecular biology, protein chemistry; DNA cloning/sequencing/mutagenesis, PCR, electrophoresis, Southern/Western blotting, protein purification, ELISA, TCL, cell isolation/culture, assays for endotoxin, superoxide/cytokines; Avail. Dec 94; Postdoc. in academia/industry; Salary negot.; F1 visa. 2-4384

M.S., 1991; Molecular biology, protein chemistry, cell biology, immunology; Cloning, library construction, sequencing, expression, protein purification, function assay, electrophoresis, Western blots, PAB, MAb production, tissue culture, transfection cell lines, immunofluorescence, ELISA, Avail. May 94; Technology/research associate; OR, WA, CA; Pr. 0-4385

Ph.D., 1994 (expected); Pharmacology; Role of central ET in CVS regulation, receptor binding assays, RIA, microsphere technique for determining CVS parameters, animal surgery, statistics; Avail. Sep 94; Postdoc. in academia/industry; Salary negot.; F1 visa. 3-4386

Ph.D., 1989; Biochemistry, molecular/cellular biology; Signal transduction, proteins/recombinant DNA techniques, PCR, protein phosphorylation/sequencing, cell culture, yeast, immunofluorescence, subcellular fractionation, microscope operation; Avail. Aug 94; Research in academia/industry; Salary negot.; Pr. 2-4388

Ph.D., 1994 (expected); Nutrition; Thermoregulation, energy metabolism/hormone/norepinephrine kinetics in iron deficiency, HPLC, animal surgery, enzyme/tracer kinetics, modeling, statistics, calorimetry, hematology, RIA, ELISA, AA spectroscopy; Avail. Aug 94; Postdoc.; Salary negot. 5-4389

Ph.D., 1977; Protein chemistry, virology; Cell membrane, protein isolation/purification, IEP, SDS-PAGE, ELISA, Western/dot blot (chemiluminescence), cell culture, virus purification/assay, virus-receptor studies, herpes simplex virus, coxsackie virus group B; Avail. May 94; Teaching/research in academia/industry; Salary negot; East coast; Pr. 6-4390

Ph.D., 1994; Nutritional science, biochemistry, molecular biology; Cholesterol/ligandprotein metabolism, protein purification, in vivo kinetics, surgery, electrophoresis, HPLC, TLC, radioisotopic labeling, receptorbinding, cloning, sequencing, Western/Southern/Northern blots, PCR, RNA analysis; Avail. May 94; Research in industry. 5-4392

Ph.D., 1992; Molecular genetics, biology, immunology, biochemistry, cell biology; Baculovirus expression system, Western/Southern blotting, gene construction, tissue culture, electrophoresion, DNA/RNA sequencing, PCR, protein purification/analysis, 1-D/2-D gels, accurate transcription (U7); Avail. Jul 94; Research in academia/industry. 2-4394

Ph.D., 1994 (expected); Pharmacology; Pharmacokinetics/pharmacodynamics of recombiant anticoagulant drugs, coagulation tests, in vitro antithrombin/ELISA methods, in vivo animal models of thrombosis/bleeding, pharcamokinetic modeling (PCNONLIN); Avail. Aug 94; Research in academia/industry; PR. 3-4395

Ph.D., 1992; Nutritional immunology; Vitamins, lipids, HPLC, GC, RIA, flow cytometry, ELISA, function, cytokine, molecular marker assays, PMN, PBMCM0 separation, statistics, Lotus, Word Perfect/graphics; Avail. Jun 94; Academic research/teaching, industry research. 5-4396

Ph.D., 1986; Immunology; Diabetes, virus induced/spontaneous, autoimmunity, immunoaassays, protein purification, RT-PCR, tolerance induction, ileal transplantation, animal models, tissue culture, cytokines; Avail. Jul 94; Research; Salary negot.; Pr. 6-4397

Ph.D., 1994 (expected); Immunology; Programmed cell death, signal transduction, FACS, cytokotoxicity, ELISA, TCL, immunoneurochemistry, Ca++, kinases assays, MAB production, electrophoresis, PCR, cloning, Western/Southern/Northern blotting, tissue culture, surgical skill; Avail. Jul 94; Research/postdoc.; Salary negot.; Pr. 6-4398

Ph.D., 1994 (expected); Pharmacology, toxicology; Lipid transport, mechanism of fatty acid/triglyceride incorporation into the heart, in vitro heart perforations, lipid extractions, TLC, tissue culture, transport of lipids in cultured endothelial cells; Avail. Jun 94; Postdoc. in academia/government; Salary negot. 3-4401
Ph.D., 1994 (expected); Receptor pharmacology; Gender on vascular reactivity, nicotine on vasculature, isolated vascular preparations, animal surgery, NE release measured by HPLC, immunology, hydromia, RIA, ELISA, IgG purification/fragmentation; Avail. Jul 94; Postdoc. in academia/industry; Salary negot.; CA preferred; PR. 3-4402

Ph.D., 1995 (expected); Developmental toxicology; Drug toxicity as related to pregnancy, drugs of abuse, anti-HIV agents, cell culture, HPLC, GC, RIA, large (pregnant sheep) and small (rodent) animal surgery, immunocytochemistry, statistics, scientific/grant writing, teaching; Avail. Jul 95; Faculty position, research scientist; East. 3-4403

Ph.D., 1995 (expected); Toxicology, veterinary medicine, nutrition, microbiology; Evaluation of aflatoxin in tissues, detoxification of corn/poultry to chemistry, MA, to background; tissue; Mia/industry. 559

Ph.D., 1990; Cellular, molecular immunology, cell biology; T/NK cells, MHC, integrins, cell culture, hydromas, matogenesis, FACS analysis/sorting, cytokine/cytotoxicity/adhesion assays, tumor experiments in mice, DNA/RNA cloning, sequencing, RT-PCR, protein isolation/purification; Avail. Oct 94; Research/teaching in industry/academia; J1 visa. 6-4405

Ph.D., 1994 (expected); Anatomy, cell biology; Relation of connective tissue proteins to cardiovascular morphogenesis, cell culture, immunohistology, protein purification/biochemistry, Northern blots, virology, business background; Avail. Jul 94; Postdoc. in molecular biology in academia/industry. 7-4406

Ph.D., 1995 (expected); Immunology; Multicolor flow cytometric analysis/sorting, cell/tissue culture, limited dilution analysis, animal handling, in vitro assays of T cell function, transfection of adherent cells, fluorescence microscopy, tissue sectioning (frozen); Avail. Mar 95; Postdoc. in industry/academia; Salary negot. 6-4411

Ph.D., 1991; Exercise physiology, muscle physiology; Radioactive tracers for protein synthesis/substrate turnover in hindlimb suspended rat model, protein purification, TLC, RIA, substrate/enzyme kinetics assays, animal surgery; Avail. Sep 94; Postdoc./research; Salary negot.; PR. 1-4412

Ph.D., 1994 (expected); Cardiovascular physiology; Effects of ethanol/resveratrol on rabbit atherosclerosis advancement-regression, arterial constriction, lipoprotein cholesterol oxidation, tissue cholesterol, furosome/equine plasma volume, earthworm biology, embryonic development; Avail. Jun 94; Postdoc./teaching in academia/medicine/industry. 1-4413

Ph.D., 1991; Chemistry, immunology, cell biology; Protein purification, ELISA, Western blotting, RIA, protein/peptide fluorochrome conjugation, FPLC, enzymatic assay development by spectroscopy, solvent extraction, chromatography, radioisotope tracing, subcellular organelles separation; Avail. May 94; Research in industry; PR. 2-4414

Ph.D., 1994 (expected); Nutrition; Maternal/infant nutrition, international nutrition, growth factors, calcium, foods, metabolism, RIA, Western/Northern blotting, spectrophotometry, electrophoresis, research design, in vivo studies; Avail. Jan 95; Postdoc./research/teaching; J1 visa. 5-4416

Ph.D., 1994 (expected); Nutrition; Ruminant nutrition, utilization of dietary protein by rumen microorganisms/enteric protein supply on nitrogen metabolism, protein analysis by GC, titrimetric, spectrophotometric, animal surgery, statistics/molecular biology techniques; Avail. Jul 94; Postdoc. in academia. 5-4417

Ph.D., 1994 (expected); Molecular immunology/immunogenetics; DNA recombination/cloning, sequencing, gene transfer to mammalian cells, gene knock-out, PCR, Southern/Northern blotting, immunoprecipitation, protein electrophoresis, ELISA, immunofluorescence, Ab production, flow cytometry, cell culture; Avail. Jul 94; Salary negot.; F1 visa. 6-4418

Ph.D., 1986; Physiology, cell/molecular biology; Epithelial polarity, membrane/protein trafficking, monomeric G-proteins, regulation of ion transport, Cl channels, Western/Northern blotting, PCR, tissue culture, electrophysiology, medical/graduate school teaching experience; Avail. Jun 94; Assistant professor in academia/industry; Salary negot. 1-4420

Ph.D., 1995 (expected); Cardiovascular physiology; Large/small animal surgery, chronic monitoring, RIA, fluorescence confocal microscopy, receptor binding analysis, cell dissociation techniques; Avail. May 95; Physiological research utilizing molecular techniques/postdoc.; Academia/industry; Salary negot.; Midwest preferred. 1-4421

Ph.D., 1987; Biochemical toxicology, pharmacology; Pharmacology of coronary adenosine receptor, organ bath, receptor-ligand binding, enzymes assay, ADP-ribosylation, Western blotting, electrophoresis, RIA, lipids, lipid peroxidation, animal surgery, statistics; Avail. May 94; Assistant professor/research scientist in academia/industry; H1 visa. 3-4422

Ph.D., 1995 (expected); Pharmacology, toxicology; Cell culture, lymphocyte proliferation assays, isolated organ preparations, UV-VIS spectrophotometry, ELISA, HPLC, GC, TLC, electrophoresis, radioisotopes, small animal surgery; Avail. Jan 95; Postdoc./research associate. 3-4423

Ph.D., 1994 (expected); Nutrition epidemiology, public health, dietetics; Clinical nutrition research, survey, nutrition assessment methods, health promotion/disease prevention, management, statistics; Avail. Aug 94; Nutrition epidemiology research; Salary negot. 5-4425

Ph.D., 1994 (expected); Cellular/molecular immunology; Autoimmune animal models, primary tissue culture, cytokine cytotoxicity, cell-cell communication, ELISA, electrophoresis, Northern/Western blotting, immunocytochemistry, PKA/PKC assays, immunofluorescent binding assays; Avail. Jan 95; Postdoc. in academia/industry; CA. 6-4428

Ph.D., 1992; Immunology, microbiology; T cell cloning, macrophage activation/cytokines, MAB production, cell culture, protein gel electrophoresis, Western blots, affinity chromatography, IFA/FACS, DNA gel electrophoresis, Northern blots, TEM/Immune EM; Avail. May 94; Research scientist/assistant professor in industry/academia; PR. 6-4429

M.S., 1994 (expected); Animal nutrition; Dietary fat, GC, fatty acid analysis, statistics; Avail. Aug 94; Research; Salary negot. 0-4430

Ph.D., 1994 (expected); Biochemistry, pharmacology; Protein chemistry, chromatography, separation, drug design, synthesis/characterization, peptide mapping, binding of fluorescent probes to penicillin interactive proteins, HPLC, SEC, UV-VIS, IR, MS, CD, protein purification, IEF, crystallization techniques; Avail. Jul 94; Postdoc./research; F1 visa. 2-4431

Ph.D., 1991; Biochemistry, molecular biology; Protein purification, SDS-PAGE, 2-D gel, HPLC, TLC, RIA, ELISA, cell preparation/tissue culture, MAB production, binding assays, library construction, recombinant, mutagenesis, Western/Northern/Southern blotting, cloning, sequencing, PCR; Avail. Jun 94; Research in academia/industry; PR. 2-4432

M.D., 1984; Ph.D., 1990; Anatomy, ophthalmology; Histology, immunofluorescence microscopy, immunoelectron microscopy, cryoultramicrotomy, enzyme cytochemistry, cytoskeletal proteins, PKC isozymes, S-antigen, cell/tissue culture, gel electrophoresis, Western blotting, microsurgery; Avail. Sep 94; Research; Salary negot.; H1 visa. 2-4433

Ph.D., 1992; Pharmacology; Animal surgery, hemodynamic measurements, sodium efflux measurement across RBC membranes, radioimmunoassay, renal vessels microdissection/perfusion, measurement of autocoid release from perfused blood vessels; Avail. Nov 94; Research in academia/industry; Salary negot.; H1 visa. 3-4434

Ph.D., 1993; Nutrition; Trace mineral metabolism, exercise/nutrition, infant growth, clinical studies in adult, infant population, ICAP/ES, RIA/IRMA, spectroscopy, potential coulometry, statistical methods, basic molecular biology techniques, experience in pediatric nutrition; Avail. Aug 94; Research in academia/industry; Salary negot.; California; J1 visa. 5-4436
The model VSOS-4 orbital shaker provides a ¾" orbital motion at variable speeds from 25 rpm to 360 rpm. It has a digital speed readout that is accurate to ±1% and a 60-min timer with hold feature. The shaker provides reliable operation in cold rooms (−4 °C) and in incubators (65 °C). Disposable rubber mat provided; utility tray, universal platform, and combination platform are available. Shelton Scientific Mfg., Inc., 230 Long Hill Cross Rd., Shelton, CT 06484, USA.

One-piece unbreakable Scienceware® table-top buchner funnels are available in four different sizes, 10.25" ID (260mm), 18" ID (457mm), 24" ID (610mm) and 36" ID (914mm) and are for use with fluids up to 125°F (52°C). The filter plates are available either fixed or removable and porous or perforated. Both plates are designed for use with filter paper discs if desired. Bel-Art Products, Pequannock, New Jersey 07440-1992, USA.

An addition to Columbus Instruments' respirometer is a high metabolic option that allows measurements of oxygen consumption and CO₂ production of animal subjects or bacterial cultures in a wide range of metabolic rates. With this option, the respirometer can be used for measuring both the respiration of bacteria cultures whose oxygen demand can be as low as a few microliters of O₂ per hour to measuring active fermentation processes or animals (rats, mice, rabbits, etc.) whose rate of oxygen demand can be on the order of tens or hundreds of milliliters of O₂ per hour. The respirometer is fully computerized and operates under PC/AT 386/486 control. Periodic printouts and real-time graphics are provided for monitoring metabolic processes during experiments. Applications range from monitoring fermentation and bioremediation to physiological studies with mammals. Columbus Instruments, PO. Box 44049, Columbus, OH 43204-0049, USA.

A complete line of signal transduction products to study protein phosphorylation and the many pathways that ultimately control eukaryotic transcription is available. The line includes purified kinases; highly specific, purified kinase peptide substrates and inhibitors; highly specific antibodies; and fast, quantitative assays for measuring kinase activity. The product line complements existing high-quality products including cytokines, growth factors and eukaryotic transcription factors, providing the researcher with a full range of products to study cellular signaling. Promega Corp., 2800 Woods Hollow Rd., Madison, WI 53711-5399, USA.

A chiller and bath for temperature-controlled electrophoresis and transfer techniques, the RCB 500 provides thermostated control in the −15 to +90 °C range. Cooling capacity is 300 W at 20 °C. Bath volume of 5.2 liters circulates at up to 11 liters/min. Simple tubing connections click together and shut off coolant flow automatically on disconnect. The unit is 35 cm high, small enough to fit under a shelf, with a benchtop footprint of only 28 × 37 cm, yet it is capable of cooling multiple electrophoresis units simultaneously. Hoefer Scientific Instruments, 654 Minnesota St., San Francisco, CA 94107-3027, USA.

PeakTrak™ SC solvent conservation module connects to any chromatographic detector for automatic recycling of clear solvent eluting from the column, in isocratic HPLC. On-the-fly baseline slope detection finds and cuts all peaks accurately regardless of rising or falling baselines, or peak size range. Peak Trak SC can also place tic marks in chromatograms at each peak cut point, allowing run-by-run visual performance validation. Free demonstration disk available on request. Axxiom Chromatography, Inc., 11988 Challenger Ct., Moorpark, CA 93021-7122, USA.

An automatic water controller promises to help eliminate cross contamination at the laboratory sink. It is the first and only battery-powered controller available of its kind. The unit has an ultrasonic sensor that detects motion and automatically turns the water on and off. Now lab personnel don't have to touch contaminated faucet handles or worry about the spread of infectious materials. It saves water too, which is especially useful for expensive high purity water outlets. The controller installs quickly and easily on most existing faucets, and costs less. It requires none of the expense and inconvenience of electrical wiring and plumbing. A built-in microprocessor enables the 9-v battery to last as long as a year. Thomas Scientific, 99 High Hill Rd., Swedesboro, NJ 08085-0099, USA.

A 3 μl variable volume microdispenser delivers precise sample amounts into narrow gel slots typical of DNA sequencing operations. It features a pulled polycar-
bonate tip with either a .34 mm or .19 mm outer diameter. The DNA sequencing pipet utilizes a rotating plunger assembly to adjust sample volume from .25 μL to 3 μL. The plunger does not come into contact with the sample, and the polycarbonate tips are reusable, autoclavable, and transparent. Drummond Scientific Co., P.O. Box 700, Broomall, PA 19008, USA.

The Microlab 1000 PLUS diluter/dispenser handles liquid volumes from 1 μL to 25 mL with ease and precision. After users program up to 47 different dilution methods into the 1000 PLUS using a simple YES/NO dialogue, the instrument automatically calculates the optimum syringe size, valve size, and syringe speed for each application. Each method may also be printed out.

The Microlab 1000 PLUS has many functional modes including high-volume, repeating and serial dispensing and diluting; serum distribution; multiple pick-up; and titration. Hamilton Co., P.O. Box 10030, Reno, NV 89520-0012, USA.

The compac personal microcentrifuge is a lightweight, compact unit offering higher g-forces yet a lower price than comparable models. Ideal for a variety of applications, including microfiltration of HPLC samples and cell separations, these microcentrifuges are the first of their kind to offer aerosol containment among their host of important features. The digital readout can alternately display speed and g-force readings during a run; the digital timer lets the user select a broad range of run times, from 30 seconds to 90 min. A lid-locking mechanism prevents opening while the rotor is moving. Fisher Scientific, 711 Forbes Ave., Pittsburgh, PA 15219, USA.

A unique series of adjustable volume single, 4-, 8-, and 12-channel pipetors are manufactured by Jencons, in accordance with ISO9002 quality standards and come complete with a certificate detailing the serial number, accuracy, and precision. Unique features include positive click settings to ensure correct volume setting and black tipcones for visible check of pipet seal. The 8- and 12-channel pipettors incorporate a staggered tip ejector for ease in ejection, which reduces operator fatigue. Thomas Scientific, 99 High Hill Rd., Swedesboro, NJ 08085-0099, USA.

Red-OUT™ is a human red blood cell agglutination reagent that eliminates red cell contamination that frequently occurs when purifying lymphocytes on density gradient media. The technique is easy and quantitative. Human blood is incubated at room temperature for 5 min then centrifuged in IsoPrep isolation media or other ficoll-isopaque type media. Red cell aggregates that form settle easily to the bottom of the tube. The reagent is effective in the removal of red cells, including immature nucleated erythrocytes, that interfere in applications such as HL-A tissue typing tests, microscopic analysis, and fluorescence-activated cell sorting. Free samples available on request. Robbins Scientific Corp., 814 San Aleso Ave., Sunnyvale, CA 94086-1411, USA.

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(Inside Back Cover)
Software

The Biomic system consists of computer PC software and a video-assisted plate reader or electronic caliper to facilitate reading and interpretation of standard antibiotic disk diffusion plates, improve test result quality, and provide MICs, cost-factors, infection control, epidemiology, research reports, and data management. The video-assisted plate reader was designed to facilitate and increase speed and consistency of reading quantitative (millimeter) data, and eliminate tedious measuring of antibiotic disk zones. Petri-plates are placed in the video drawer, like a CD-ROM player, then a clear plate image is captured on-screen in 5 seconds. Digital image analysis uses shades of grey, edge-detection, and image enhancement to produce circular zone diameters on screen simultaneously.

The logic considers non-circular and overlapping zones, plate edges, and feathered edges, and uses about 80% growth inhibition to draw each circle. Technologists review and confirm, or adjust any zone size necessary due to, for example, inner-zone colonies, with + or - key; they then preview result interpretation, mm, MIC, and S/R category on screen. Antibiotics disk positions on plates are set up when tests are defined by user; these can be changed/set up anytime.

Meuller-Hinton, other clear media, and agar with non-hemolysed red blood are read in 5 seconds per plate on a 486DX33 computer. Biomic video-assisted reading helps standardize reading endpoints, provides quantitative (mm) measurements 25-90% more rapidly, and reduces fatigue and transcription errors. Test results can be transferred to any other computer system. Giles Scientific Inc., 250 Mercer St., Suite A301, New York, NY 10012, USA.

chemDIAGRAM for Windows™ (Release 3.0), a PC software tool for 2D chemical diagram drawing, offers sophisticated 2D chemical drawing capabilities designed specifically for researchers, scientists, engineers, academics, and students in the chemistry field. With chemDIAGRAM users can easily create complex structure diagrams, move, scale, stack, and rotate them, add labels and text, create illustrations for their research documentation, produce publication-quality output, and share research results with colleagues. Molecular Arts Corp., Hanover Business Centre, 1532 East Katella Ave., Anaheim, CA 92805-6627, USA.

Literature

Information about state-of-the-art HPLC columns and bulk supports designed and manufactured for the analysis and purification of proteins, peptides, polymers, basic molecules, acidic molecules, and pharmaceutical compounds is available in SynChrom's product catalog. Products featured for nearly all modes of HPLC including reversed phase, ion exchange, size exclusion, hydrophobic interaction, hydroxypapite, and ion chromatography. SynChrom, Inc., P.O. Box 5868, Lafayette, IN 47903-5868, USA.

A Water Baths and Accessories catalog highlights 15 varieties of water baths for industrial and/or laboratory use. The 12-page catalog features multi-purpose circulating water baths to +90°C, shaking water baths, oil baths to +260°C, Magni Whirl® hydrometer jar baths and Vapor Temp™ humidity chambers. Model selections cover a wide range of size, temperature, and usage requirements. Water bath-related accessories are also featured. Lindberg, 275 Aiken Rd., Asheville, NC 28804, USA.

A brochure details the KR.22i high speed, high capacity centrifuge, which is equally well suited to large-volume processing (6 × 500ml at 21,000 × g) and high RCF separation of smaller volume samples (12 × 50ml at 65,000 × g). The product features a direct drive induction motor and a thin film technology (TFT) refrigeration system. Included is a rotor/accessory selection guide, which details the rotor and adaptors along with performance characteristics for each rotor and accessory. Jouan, Inc., 110-B Industrial Dr., Winchester, VA 22602, USA.
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For membership information in Japan contact:
TOKYO CORRESPONDING OFFICE, Takeshi Yoshida, M.D., Director, Tokyo Institute for Immunopharmacology, Inc., 1-41-8 Takada, Toshima-ku, Tokyo, JAPAN,
Tel: 011-81-3-984-7900, Fax: 011-81-33-984-7874.

For subscription rates in Japan contact USACO, Corp., 13-12 Shimbashi 1-chome, Minato-ku, Tokyo, 105 Japan;
Tel: 011-81-33-502-6473, Fax: 011-81-33-993-2709.

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<td>Hypertension</td>
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<td>US $188</td>
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<td>Stroke</td>
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<tr>
<td>Cardiovascular Nursing</td>
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<td>Currents in Emergency Cardiac Care</td>
<td>4</td>
<td>US $16</td>
<td>$12</td>
</tr>
</tbody>
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