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<tr>
<th>Sponsor</th>
<th>Meeting/themes</th>
<th>Deadlines</th>
<th>Location</th>
<th>For additional information</th>
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<tr>
<td>ASBMB</td>
<td>Recombinase Mediated Genome Reorganization: Programmed, Aberrant and Experimental</td>
<td>September 8, 1993&lt;sup&gt;a&lt;/sup&gt;</td>
<td>Keystone, Colorado</td>
<td>ASBMB Society Office&lt;sup&gt;a&lt;/sup&gt; Phone: 301-530-7145 FAX: 301-571-1824</td>
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<td>September 24, 1993&lt;sup&gt;b&lt;/sup&gt;</td>
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<td>Epigenetic Modification of the Genome</td>
<td>September 8, 1993&lt;sup&gt;c&lt;/sup&gt;</td>
<td>Keystone, Colorado</td>
<td>Same as above</td>
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<td>October 8, 1993&lt;sup&gt;c&lt;/sup&gt;</td>
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<td></td>
<td>ASBMB Annual Meeting</td>
<td>May 21-25, 1994</td>
<td>Washington, D.C.</td>
<td>FASEB/Office of Scientific Meetings and Conferences&lt;sup&gt;a&lt;/sup&gt;</td>
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<tr>
<td>ASIP</td>
<td>COURSE: Concepts in Molecular Biology</td>
<td>August 8, 1993&lt;sup&gt;a&lt;/sup&gt;</td>
<td>Bethesda, Maryland</td>
<td>ASIP Office&lt;sup&gt;a&lt;/sup&gt; Phone: 301-530-7130 FAX: 301-571-1879</td>
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<td>October 7, 1993&lt;sup&gt;b&lt;/sup&gt;</td>
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<td>Experimental Biology '94</td>
<td>April 24–28, 1994</td>
<td>Anaheim, California</td>
<td>FASEB/Office of Scientific Meetings and Conferences&lt;sup&gt;a&lt;/sup&gt;</td>
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<tr>
<td>AAI</td>
<td>Experimental Biology '94</td>
<td>April 24–28, 1994</td>
<td>Anaheim, California</td>
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<tr>
<td>Biophysical</td>
<td>Biophysical Society Meeting</td>
<td>March 6–10, 1994</td>
<td>New Orleans, Louisiana</td>
<td>FASEB/Office of Scientific Meetings and Conferences&lt;sup&gt;a&lt;/sup&gt;</td>
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<sup>a</sup> 9650 Rockville Pike, Bethesda, MD 20814, USA  
<sup>b</sup> Abstract Deadline  
<sup>c</sup> Advance Registration  
<sup>d</sup> Housing  
<sup>e</sup> Phone: 301-530-7010, FAX: 301-530-7014
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.

1993

24-28 July. The Protein Society Seventh Symposium, San Diego, California, USA. (The Protein Society Mg. Off., 9650 Rockville Pl., Bethesda, MD 20843-3998, USA)


25-30 July. 11th International Biophysical Congress, Budapest, Hungary (G. Garab, Hungarian Academy of Sciences, Szeged, P. O. Box 521, H-6701, Hungary)


25-30 July. 32nd International Congress of Physiological Sciences, Sheffield, United Kingdom. (D. Noble, IUPS 1993, Congress Secretariat, Dept. of Biomedical Science, The University, Sheffield S10 2TN, UK)


23 July-8 August. Molecular Mechanisms of General Anesthesia, Birliride, Colorado, USA. (G. Weisberg, Dept. of Anesthesia, University of Illinois Hospital, Ste. 2200W, 1740 W. Taylor, Chicago, IL 60612, USA)

30 July-3 August. Pharmacology 93, Tissue Injury: Molecular Mechanisms and Therapeutic Strategies, San Francisco, California, USA. (APSET Nat. Off., 9650 Rockville Pl., Bethesda, MD 20843-3998, USA)

31 July-4 August. DNA Damage: Effects on DNA Structure and Protein Recognition, Burlington, Vermont, USA. (Conf. Dept., NYAS, 2 E. 63rd St., New York, NY 10021, USA)

31 July-5 August. FASEB Summer Research Conference: Recent Advances in Glucose Transporter Biology, Snowmass, Colorado, USA. (FASEB Summer Rach. Conf. Off., 9650 Rockville Pl., Bethesda, MD 20843-3998, USA)


1-4 August. 26th Annual Meeting of the Society for the Study of Reproduction, Fort Collins, Colorado, USA. (J. Jensen, SSR, 325 S. Jefferson St., Madison, WI 53712-2060, USA)

1-4 August. Molecular Biology of Hepatitis B Viruses, Washington, DC, USA. (J. Gerin, Div. of Molecular Virology & Immunology, 5640 Fishers Ln., Rockville, MD 20852, USA)

1-6 August. FASEB Summer Research Conference: Signal Transduction in Plants, Copper Mountain, Colorado, USA. (FASEB Summer Rach. Conf. Off., 9650 Rockville Pl., Bethesda, MD 20843-3998, USA)

1-6 August. 32nd International Congress of Physiological Sciences, Wroclaw, Poland. (CEP Consultants Ltd., 26-28 Albany St., Edinburgh EH1 3QH, Scotland)

4-8 August. Scientific Conference on the Molecular Biology & Immunology of the Normal and Failing Heart, Pacific Grove, California, USA. (American Heart Assoc., 7272 Greenville Ave., Dallas, TX 75231-4596, USA)

6-10 August. Science Innovation ’93: New Techniques in Biomolecular Research, Boston, Massachusetts, USA. (AAAS Mg. Off., 1333 H St., NW, Washington, DC 20005, USA)

7-12 August. FASEB Summer Research Conference: Clonal Senescence and Differentiation, Saxton’s River, Vermont, USA. (FASEB Summer Rach. Conf. Off., 9650 Rockville Pl., Bethesda, MD 20843-3998, USA)

8-13 August. FASEB Summer Research Conference: Cytokines and Lipid Mediators in Regulation of Cell Function, Copper Mountain, Colorado, USA. (FASEB Summer Rach. Conf. Off., 9650 Rockville Pl., Bethesda, MD 20843-3998, USA)

11-14 August. Satellite Meeting on Dolichol and Related Lipids, Zakopane, Poland. (T. Chojsnacki, Inst. of Biochemistry and Biophysics, Polish Academy of Sciences, Rakowicka 36, 02 532 Warszawa, Poland)


15-20 August. XII International Symposium on Glycoconjugates, Krakow, Poland. (Drexler Congress and Convention Bureau, Wroclawska 37A, 30 011, Krakow, Poland)

15-21 August. Seventeenth International Congress of Genetics: Genetics and the Understanding of Life, Birmingham, United Kingdom. (D. Smith, The U. of Birmingham, Edgbaston, Birmingham B15 2TT, UK)

16-20 August. Gordon Conference: Barrier Properties of Mammalian Skin, Plymouth, New Hampshire, USA. (G. Flynn, The U. of Michigan, Coll. of Pharmacy, Ann Arbor, MI 48109-1065, USA)

16-20 August. 5th International Symposium on Cardiovascular Pharmacotherapy, Minneapolis, Minnesota, USA. (Scientific Secretariat, Cardiovascular Div., Box 508 UMHCF, U. of Minnesota, MN 55455, USA)


19-20 August. Asthma Symposium on Phagocytes, Copenhagen, Denmark. (N. Borregaard, Dept. of Hematology, La402, Rigshospitalet, Blegdamsvej, DK-2100 Copenhagen, Denmark)

20 August. Autografting for Chronic Myocardial Leukemia: Status of the Art, Porto, Italy. (A. Murphy, AlphaMed Press, 4341 S. Keterner Blvd., Dayton, OH 45439-2092, USA)

22-27 August. 7th World Congress on Pain, Paris, France. (International Asn. for the Study of Pain, 909 NE 45th St., Ste. 306, Seattle, WA 98105, USA)


29 August-4 September. XIII International Congress of EEG and Clinical Neurophysiology, Vancouver, British Columbia, Canada. (Canadian Congress of Neurological Sciences, 810 910 - 12 Ave SW, Calgary, Alberta T2R 1K7, Canada)


5-11 September. XVth World Congress of Neurology, Vancouver, British Columbia, Canada. (Canadian Congress of Neurological Sciences, 810 910 - 12 Ave., SW, Calgary, Alberta, T2R 1K7, Canada)

6-9 September. 2nd International Conference on Magnetic Resonance Microscopy, Heidelberg, Germany. (W. Kuhn, c/o Fraunhofer-Instit. für Biomédizinische Technik, Enheimer Str. 46, D-6670 St. Ingbert, Germany)

8-10 September. Multi-Drug Resistant Mycobacterium Tuberculosis, Washington, D. C., USA. (IBC USA Conf., Inc., 225 Turner Pike., Southborough, MA 01772, USA)

8-11 September. Microbial Pathogenesis and Immune Response, Orlando, Florida, USA. (Conf. Dept., NYAS, 2 E. 63rd St., New York, NY 10021, USA)

9-11 September. The Second International Congress on Peer Review in Biomedical Publication, Chicago, Illinois, USA. (A. Planer, Peer Review Congress, JAMA, 315 N. State St., Chicago, IL 60615, USA)

12-16 September. Improvement of Cereal Quality by Genetic Engineering, Sydney, Australia. (B. Henry, Queensland Agricultural Biotechnology Ctr., Gehrmann Lab., University of Queensland 4067, Australia)

12-17 September. Second International Congress: International Society for Neuroimmunomodulation, Paestum, Italy. (N. Fabrizio, c/o UP Service Srl. P. O. Box 336, 60100 Ancona, Italy)

12-17 September. International Symposium on Cellular and Molecular Biology of Phosphate and Phosphorylated Compounds in Microorganisms, Woods Hole, Massachusetts, USA. (A. Tortori-Gori, MTT Dept. of Biology. Rm. 16-713, Cambridge, MA 02139, USA)

15-19 September. Xenogenization of the Cancer Cell: From Basics to the Clinic, Frederick, Maryland, USA. (M. Fanning, NCI-FCRDC, P. O. Box B, Frederick, MD 21702-1201, USA)

14-19 September. Biology of Molecular Chaperons: Chemical Mechanisms and Biological Significance, Canterbury, United Kingdom. (I. Hendekovic, European Sci. Fund., 1 quai Lezay-Marnesia, 07080, Strasbourg Cedex, France)
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CALENDAR

Vol. 7 July 1993
Courses and Workshops

1993

3-6 August. Fermentation Microbiology, Rockville, Maryland, USA. (ATCC/Workshop Mgr., 12301 Parklaw Dr., Rockville, MD 20852, USA)

6-7 August. Advanced Molecular Cytogenetics: Unique Sequence Probe Labeling and Hybridization, Gaithersburg, Maryland, USA. (M. Williams, Oncor, Inc. 209 Perry Pkwy, Gaithersburg, MD 20877, USA)


12-13 August. Molecular Cytogenetics: Tissue In Situ Hybridization, Gaithersburg, Maryland, USA. (M. Williams, Oncor, Inc., 209 Perry Pkwy, Gaithersburg, MD 20877, USA)

15-27 August. Pathogenesis of Neuroimmunological Diseases, Woods Hole, Massachusetts, USA. (D. Chrysler, Marine Biological Lab., Woods Hole, MA 02543, USA)

23-27 August. Advanced Recombinant DNA Methodology, Rockville, Maryland, USA. (ATCC/Workshop Mgr., 12301 Parklaw Dr., Rockville, MD 20852, USA)

5-6 September. Tracer Methodology Course, Amsterdam, The Netherlands. (Tracer Methodology Mgr., U. of Texas Med. Br., Box 55176, Galveston, TX 77555-5176, USA)

5-12 September. International Training Course on Biochemistry of Membrane Transport, Lake Balaton, Hungary. (B. Sarkadi, Hungarian Biochemical Society, Budapest, P.O.B. 7, H-1518 Hungary)

7-9 September. Introduction to Laboratory Techniques: Biochemical Separations, Friday Harbor, Washington, USA. (Ofc. of Continuing Ed., Cook College, Rutgers U., P. O. Box 231, New Brunswick, NJ 08903, USA)

7-10 September. The Leeds Course in Clinical Nutrition, Leeds, United Kingdom. (H. Helme, Dept. of Continuing Professional Education., Continuing Education Bldg., Springfield Mount, Leeds LS2 9NG, UK)


13-17 September. 2nd International Conference on Gene Regulation/Oncogenesis/AIDS, Loutraki, Greece. (T. Papas, Natl. Cancer Inst., NIH, Bldg. 469 Rm. 102, Frederick, MD 21701-1201, USA)

15-17 September. Basic Cytogenetics, Rockville, Maryland, USA. (ATCC/Workshop Mgr., 12301 Parklaw Dr., Rockville, MD 20852, USA)

19-23 September. Tracer Methodology Course, Galveston, Texas, USA. (Tracer Methodology Mgr., U. of Texas Med. Br., Box 55176, Galveston, TX 77555-5176, USA)

21-23 September. Downstream Processing, Rockville, Maryland, USA. (ATCC/Workshop Mgr., 12301 Parklaw Dr., Rockville, MD 20852, USA)

21-24 September. Gene Rearrangement Analysis of Hematopoietic Malignancies, Gaithersburg, Maryland, USA. (M. Williams, Oncor, Inc., 209 Perry Pkwy., Gaithersburg, MD 20877, USA)

22-24 September. Esterrases, Lipases and Phospholipases from Structure to Clinical Significance, Bordeaux, France. (M. Clec. Laboratoire Central de Biochimie, Hopital Saint-Andre, 1 rue Jean-Burguet, 33075 Bordeaux, France)

22-24 September. The Practice of Modern HPLC, Cincinnati, Ohio, USA. (LCResources, Inc., 2930 Camino Diablo, #110, Walnut Creek, CA 94596, USA)

24-26 September. New Perspectives in Mitochondrial Research, Padova, Italy. (P. Bernardi, U. degli Studi di Padova, Dept. di Scienze, Biomediche, Sperimentali, Via Trieste, 75-35121 Padova, Italy)

27-30 September. Insect Cell Culture and Protein Expression with Baculovirus Vectors, (ATCC/Workshop Mgr., 12301 Parklaw Dr., Rockville, MD 20852, USA)

4-5 October. Troubleshooting HPLC Systems/Troubleshooting Chromatography Data Systems, Schillier Park, Illinois, USA. (LCResources, Inc., 2930 Camino Diablo #110, Walnut Creek, CA 94596, USA)

5-6 October. Troubleshooting HPLC Systems/Troubleshooting Chromatography Data Systems, Princeton, New Jersey, USA. (LCResources, Inc., 2930 Camino Diablo #110, Walnut Creek, CA 94596, USA)

12-15 October. DNA Fingerprinting, Rockville, Maryland, USA. (ATCC/Workshop Mgr., 12301 Parklaw Dr., Rockville, MD 20852, USA)

12-15 October. Mechanisms for Cell Growth and Differentiation, Houston, Texas, USA. (UT-M.D. Anderson Cancer Ctr., Conf. Services #30008320, 1515 Holcombe Blvd., Houston, TX 77030-4959, USA)

15-19 October. 19th Annual Lakes Conference: Diagnostic Approaches to Lymphoproliferative Disorders, La Jolla, California, USA. (Dept. of Academic Affairs, 405C, Scripps Clinic and Res. Fdn., 10666 N. Torrey Pines Rd., La Jolla, CA 92037, USA)

27-31 October. ASIP Course: Concepts in Molecular Biology, Bethesda, Maryland, USA. (ASIP Ofc. 9650 Rockville Pk., Bethesda, Maryland, USA 20814-3993, USA)

*1-2 November. Molecular and Structural Biology of Tissue Repair, Bethesda, Maryland, USA. (L. Shein, Biophysical and Physiological Sciences Program, NIGMS, NIH, 5333 Westbard Ave., Rm. 907, Bethesda, MD 20892, USA)

*13 November. Theoretical and Practical Course on Molecular Genetics, La Habana, Cuba. (J. Mounolou, Centre de Genetique Mol, CNRS, 91198 Gif, France)

*11 November. Workshop on the Superfamily of Receptors for Growth Hormone, Prolactin, Erythropoietin and Cytokines, Hail, Israel. M. Zur, Mgmt. & Org. of Congresses, P. O. Box 9095, Ramat Efal 52190, Israel)


POSITIONS AVAILABLE — Line advertisement: $25 per line (70 characters), $250 (10 line) minimum. Display advertisement: $400 for ¼ page, 3½ inches × 2¼ inches; $700 for ¼ page, 3½ inches × 4½ inches; $1200 for ½ page, 3½ inches × 9½ inches (vertical) or 7½ inches × 4½ inches (horizontal); $2000 for full page, 7½ inches × 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.

GENETIC/MOLECULAR MECHANISMS OF DISEASE

The University of Kentucky, Tobacco and Health Research Institute (THRI) invites applications for a tenure-track position from individuals with an established research track record in genetic/molecular mechanisms in disease pathogenesis. The applicant should have M.D., Ph.D. or M.D./Ph.D. and qualifications for appointment at the full professor level in a department in the College of Medicine. Salary will be commensurate with experience. A record of successful extramural grant support is essential and the applicant will be expected to establish and support a research program directed at identifying genetic/molecular mechanisms which are associated with tobacco smoking-related diseases. Areas of special interest are pulmonary cancer, chronic obstructive lung disease and cardiovascular disease. An initial allocation of $250,000 has been made to support the development of this program. Send CV and four references to: Ms Elaine Fisher, Secretary University of Kentucky Tobacco and Health Research Institute Cooper and University Drives Lexington, KY 40546-0236

Deadline for applications is September 1, 1993.

The University of Kentucky is an equal opportunity employer.
POSTDOCTORAL/RESEARCH ASSOCIATE for Research Laboratories of Extracellular Matrix studying the mechanisms of cervical softening and the biochemical changes of cervical tissues in pregnant animals. Ph.D. or M.D. to work within our active research laboratory which integrates anatomy, physiology and biochemistry. Areas include but are not limited to the remodeling mechanism of the cervix focused on proteolytic changes induced by proteases and their inhibitors, as well as by cytokine regulation. Biochemistry and molecular biology expertise required. Send CV to Dr. Phyllis C. Lepper or Dr. Shiu Yeh Yu, Department of Obstetrics and Gynecology, Rochester General Hospital, 1425 Portland Avenue, Rochester, NY 14621. The University of Rochester is an EOE.

RESEARCH SCIENTIST. Neuropathologist, neuroscientist, neuroanatomist with M.D. or Ph.D. and postdoctoral training for a position in Research Series. Will perform diagnostic procedures and research projects as Assistant Brain Bank Director in highly established laboratory specializing in Alzheimer’s disease research. Funded by NIA, NIH grants. Familiarity with microscopic diagnosis, HPLC technology, immunization, hybridoma and ELISA methodology, localization using immunocytochemical methods, radioimmunoassay, Western blot analysis and protein purification and analysis highly desirable. Rank dependent on experience and salary consistent with established University of California pay scales. Please send CV and names of three references by July 31, 1993 to George Glenner, M.D., Department of Pathology, 0612, University of California, San Diego, 9500 Gilman Drive, La Jolla, CA 92039. UCSD is an equal opportunity/affirmative action employer.

POSTDOCTORAL position (grant of Region Bourgogne) in the Laboratory of Cardiovascular Pharmacology, Faculty of Medicine, Dijon, FRANCE. Primary focus of research is the study of the production of oxygen-derived free radicals during myocardial reperfusion after ischemia using electron paramagnetic resonance. Candidate should have Ph.D. Send CV and names of three references to Dr. Luc Rochette, Faculty of Medicine, 7 bd Jeanne d’Arc, 21033 Dijon Cedex, FRANCE.

POSTDOCTORAL Division of Gastroenterology at our 581-bed major teaching hospital affiliated with SUNY Stony Brook School of Medicine. Primary focus of research is the study of mechanisms and control of epithelial and muscle function in animal models of inflammatory bowel disease. Candidate should have Ph.D. with experience in cell biology, molecular biology and/or immunology. The position is funded for at least two years. Send CV and the names of three references to Employment Specialist, Human Resources Department, Winthrop-University Hospital, 259 First Street, Mineola, LI, NY 11501. EOE M/F/D/V.

POSTDOCTORAL FELLOWSHIP. To join a multidisciplinary study of the cell and molecular basis for the (path)physiological actions of platelet-activating factors (PAF), a family of unique phospholipids. Training (up to three years) will focus on the pathogenesis of PAF in inflammatory tissue injury, e.g., 1) PAF metabolism and molecular diversity; 2) comparative agonist and synergistic actions of PAF molecules; and 3) cardiovascular and respiratory physiology of PAF. U.S. citizenship or permanent residency status required. Send applications, including three references, to R. Neal Pinckard, Ph.D., Department of Pathology, University of Texas Health Science Center, 7703 Floyd Curl Drive, San Antonio, TX 78284-7750 FAX (210)567-6729. UTSCANDA is an equal employment opportunity/affirmative action employer.

PHARMACOLOGY FACULTY. The Department of Pharmacology has a position as Research Assistant Instructor (non tenure, research track) available on September 1, 1993 to teach graduate students and perform research. Applicants should have a Ph.D. in chemistry and two years experience, including teaching, as Instructor level. Strong background and extensive experience in NMR including application of two- and three-dimensional NMR experiments, heteronuclear spectral editing techniques, conformational analysis of peptides and proteins using nuclear Overhauser effects, as well as working knowledge of molecular dynamics analysis of peptides. Interested persons should send CV to Dr. Lila Giersch, Department of Pharmacology, The University of Texas Southwestern Medical Center at Dallas, 5323 Harry Hines Boulevard, Dallas, TX 75235-9041. An equal opportunity employer.

POSITIONS DESIRED

Ph.D., 1990; Biophysical chemistry, protein spectroscopy, protein engineering; Fluorescence/phosphorescence, UV/CD, protein-DNA/protein-ligand interactions, site-directed mutagenesis, protein purification, gel electrophoresis, organic synthesis, computer programming/data analysis; Avail. Oct 93; Research; NJ, PA, NY region; Now in Canada. 5-3286

B.S., 1992; Biochemistry, microbiology; Protein purification, affinity, gel filtration, ion exchange LPLC, SDS-PAGE, protein/enzyme assay, bacterial culture, media preparation, transformation, transfection, electroporation, DNA mini preparation, digest, restriction mapping; Avail. Jul 93; Research/technician in academia/industry; Salary negot. 0-3469

Ph.D., 1993 (expected); Biochemical nutrition, nutrition toxicology; Nutrition/diet metabolism/tissue distribution, atomic absorption, ESR spectroscopy/trapping, electrophoresis, Western/Northern blotting, RNA isolation, enzyme assays, diet formulation/analyses; Avail. Aug 93; Postdoc. in academia/industry; PR of Canada. 5-3470

Ph.D., 1993 (expected); Human nutrition, biochemistry, public health; Vitamin B-6 status assessment, human metabolic diet studies, B-6 vitamins by HPLC, isotopic/enzyme assays, teaching experience; Avail. Sep 93; Postdoc., research/teaching in academia/industry; Salary negot. 5-3471

M.S., 1988; Pharmacology, pharmacokinetics, pharmaceutical chemistry; Pharmacology of antiarrhythmic compounds in arrhythmia animal model, drug metabolite analysis by HPLC, TLC, GC; chemical synthesis/structure identification by UV, IR, GC-MS, animal surgery, RIA; statistics; Avail. Jan 94; Research in academia/industry; Now in Canada. 0-3472

M.D., 1982; Ph.D., 1991; Pharmacology, medicine; Pharmacokinetics, drug metabolism of local anesthetic in perfused rat lung/liver, transport system of organic anion in rat liver, drug metabolite analysis by HPLC, TLC, GC, GC-MS, RIA, animal surgery, statistics; Avail. Dec 93; Research in academia/industry; Salary negot.; PR of Canada. 5-3473

Ph.D., 1993 (expected); R.D.; Human nutrition, exercise physiology; Human metabolic diet studies, vitamin B-6 metabolites by HPLC, vitamin B-6 enzyme assays, RIA double antibody assays, metabolic cart exercise testing, underwater weighing, clinical/administrative dietetics; Avail. Oct 93; Teaching/research. 5-3474

D.V.M., 1973; Ph.D., 1980; Comparative pathology, immunology; Histopathology, immunohistochemistry, electron microscopy, in situ hybridization, drug toxicity, leukocyte markers, endothelial adhesion molecule; Avail. Jan 94; Academia/research institute/industry; J1 visa. 4-3476

Ph.D., 1982; Nutrition; Nutrient (mineral) metabolism, bone formation/resorption, osteoporosis, in vivo/in vitro nutrient absorption modeling, kinetic studies, radiotracer research, radioreceptor assays, HPLC, GC, MS, AAS, laboratory supervision, biostatistics, teaching experience; Avail. Jul 93; Research; PR. 5-3477

Ph.D., 1992; Nutrition, cell biology, pharmacology, toxicology, molecular biology; Type II pneumocyte isolation/culture, phospholipid secretion, Northern analysis, enzyme kinetics, TLC, GC, HPLC, RIA; Avail. Jul 94; Teaching/research in academia/industry. 5-3480

Ph.D., 1985; Molecular biology, biochemistry; Cell culture, transfection, gene cloning/expression, promoter analysis/mutagenesis, DNA-protein interaction/purification, RNA/DNA/protein analysis, RT-PCR, antisense RNA, retroviral system; Avail. Sep 93; Research in academia/industry; PR. 2-3481

Ph.D., 1993; Pharmacology; Central regulation of arterial pressure, stereotaxic techniques, evaluation of cardiovascular responses to central/peripheral drug administration, isolated tissues, whole animals, biochemical analyses; Avail. Jan 94; Postdoc.; Salary negot.; PR 3-3482
M.S., 1993 (expected); Biomedical engineering, biophysics; Pulmonary microcirculation, morphology, pleural space acoustics, membrane fluidity, liposome, EM, NMR, GC, fluorescence microscopy/spectroscopy, animal surgery, signal processing, statistics; Avail. Aug 93; Research in academia/industry; HI visa. 0-3484

B.S., 1983; Biology; In vitro/in vivo pharmacology, electron microscopy, ELISA, biochemical assays, isolated tissue/organ pharmacology, computer experience; Avail. Jul 93; Research in industry in pharmacology/physiology/biochemistry; Salary negot.; Midwest/Rocky Mountain area. 0-3486

Ph.D., 1990; Pathobiology, immunology; Lymphocyte development/activation, adherence molecules, signal transduction, genomic/cDNA cloning, sequencing, protein purification and characterization, Western/Southern/Northern blots, in situ hybridization, electrophoresis, MAb production; Avail. Jan 94; Research in academia/industry; HI visa. 6-3562

M.D., 1987; Ph.D., 1988; Immunology, protein biochemistry, molecular biology; Signal transduction, immunosays, immunoprecipitation, Western blots, immunopurification, tissue culture, lymphocyte purification, FACS analysis, MAb production, DNA cloning, sequence, RNA quantitation by RT/PCR; Avail. Apr 94; Research academia/industry; HI visa. 6-3563

Ph.D., 1988; Cell physiology; Proteases, protein purification, characterization, HPLC, FPLC, affinity chromatography, Western blots, RIA, iodination, autoradiography, immunocytochemistry, human cell culture, microdissection, intend expansion to molecular biology; Avail. Dec 93; Biomedical research academia/industry; Salary negot.; Baltimore. 1-3564

Ph.D., 1984; Molecular biology, immunology; Cloning, gene expression prokaryotic/eukaryotic systems, gene knockout constructs, library construction, sequencing, PCR, Southern/Northern/Western blots, tissue culture, transfection, CAT, β-gal assays, cytokine ELISA; Avail. Aug 93; Research in biotechnology/pharmaceutics; Upper Midwest. PR. 2-3565

Ph.D., 1993 (expected); Immunology, molecular biology, protein chemistry; cDNA library construction/screening, cloning, sequencing, Northern/Southern/Western blotting, PCR, protein purification, ELISA, tissue culture, proliferation/cytotoxicity assays, FL staining/FACS analysis; Avail. Aug 93; Postdoc. in academia/industry. 6-3566

Ph.D., 1990; Molecular biology, biochemistry, microbiology; Cloning, sequencing, transcription factors/DNA interactions, Northern/Southern blotting, lipid biochemistry, DNA/protein electrophoresis, enzymology, some tissue culture; Avail. Jul 93; Research in academia/industry; Salary negot.; NJ area. 2-3567

Ph.D., 1993 (expected); Immunology, experimental pathology; Genomic, cDNA cloning, plasmid constructs, transfection, PCR, sequencing, primer extension analysis, nuclease protection assays, Southern/Northern blotting, ELISA, tissue culture, immunohistochemistry, tissue sectioning; Avail. Dec 93; Postdoc. in academia/industry; Salary negot. 6-3569

Ph.D., 1993 (expected); Pharmaceutical chemistry; Enzyme kinetics using radioactive tracers, RIA, HPLC, drug/metabolite analysis by GC-ECD, electrophoresis, Western blotting with enhanced chemiluminescence; Avail. Jan 94; Postdoc. in academia/industry; Salary negot. 3-3570

Ph.D., 1990; Protein biochemistry; Formulations, stability, analytical development, chromotography (ion-exchange, HIC, size-exclusion), HPLC/FPLC, electrophoresis, IEF, Western blotting, ELISA, peptide mapping, antibodies, freeze-drying, PC/Macintosh, IND/GLP/GMP, radioisotopic labeling; Avail. Jul 93; R & D in industry. 2-3573

Ph.D., 1987; Biochemistry, immunology, molecular biology, protein chemistry; Solid-phase gene assembly, protein purification, enzymology, organic synthesis, affinity labeling, cell culture, cytotoxicity assays, electrophoresis techniques; Avail. Oct 93; Research in academia/industry; Salary negot. 2-3574

Ph.D., 1991; Molecular biology/biochemistry; Library screening, PCR, RIP, Western/Southern/Northern blotting, sequencing, cloning/expression in bacteria, mammalian/insect cells, virus production/plaque assay in tissue culture, protein purification, LC/HPLC/FPLC/kinetic assays; Avail. Oct 93; Research in academia/industry; Prefer West coast. 2-3575

Ph.D., 1993 (expected); Biochemistry, molecular biology; Protein purification/characterization, LC/HPLC/TLC, 2D phosphoprotein mapping, cell culture, protein expression in vaccinia virus/bacteria, PCR, DNA cloning/sequencing/mutagenesis, Western blotting, immunoprecipitation; Avail. Jan 94; Research in industry; FI visa. 2-3576

Ph.D., 1978; Biochemistry, molecular enzymology, protein biochemistry; Protein purification, characterization, analytical techniques, chemical modification of proteins/peptides, enzymatic assay methods, drug metabolism, biochemical toxicology, column chromatography, HPLC, GC; Avail. Jul 93; Research/teaching; Salary negot. 2-3577

Ph.D., 1990; Genetic toxicology, molecular biology; Cell culture, in vitro/in vivo genotoxicity assays, metabolite analysis by HPLC/TLC, cloning, PCR, DNA sequencing, electrophoresis, chemistry, synthesis, MS, NMR, report writing, supervisory/project management; Avail. Jul 93; R & D in industry; H1B visa. 2-3579

Ph.D., 1994 (expected); Cellular immunology; T cell clone growth/characterization, cytokine biosays, PCR, ELISA development, flow cytometry, monoclonal antibody production/modification, bone marrow transplantation, tissue culture, animal handling, immunizations; Avail. Feb 94; Postdoc. in academia/industry; Salary negot. 6-3582

Ph.D., 1984; Molecular biology, molecular/cellular immunology, biochemistry; PCR, DNA sequencing, Northern, Southern, Westerns, site-directed mutagenesis, cDNA/genomic cloning, RIA, ELISA, flow cytometry, hybridoma technology, tissue/cytospin, affinity measurements; Avail. Sep 93; Industrial research; Salary negot. 2-3584

Ph.D., 1987; Protein chemistry, cell/membrane/membrane biology; Expression, purification, enzymology, active site/STR/FUN analysis, HPLC, peptide mapping, kinetics of protein kinases, near-neighbour analysis, FPLC, λ-mapping, cloning, sequencing, targeted gene disruption, genetics, protein modeling; Avail. Sep 93; Research; PR. 2-3585

Ph.D., 1989; Enzymology, protein chemistry; Protein purification, electrophoresis, HPLC, TLC, cell culture, enzyme immobilization/kinetics, purification/analysis of polyphosphates, chemical protein modification; Avail. Aug 93; Research in industry/government; PR. 2-3588

Ph.D., 1993 (expected); Biochemistry, protein chemistry; Protein chemical modification, enzyme kinetics, enzyme mechanism of action, protein purification, IEF, SDS-PAGE, UV-VIS spectroscopy, HPLC, peptide mapping, radiolabelling, enzyme assays, synthetic/mechanistic organic chemistry; Avail. Sep 93; Postdoc. academia/industry; FI visa. 2-3589

Ph.D., 1985; Molecular biology, protein biochemistry, immunology; Signal transduction, gene cloning, gene expression, cDNA library construction/screening, PCR, site-directed mutagenesis, RT-PCR, DNA sequencing, protein purification, enzyme kinetics, DNA footprinting, HPLC, cell culture; Avail. Jan 94; Research in industry; Salary negot.; 2-3590

Ph.D., 1991; Biochemistry; Purification, characterization, structure of natural peptides/modified oligonucleotides, structure-function of ion transporters/DNA adducts, NMR, chromatography, FAB, fermentation technology, microbiology, peptide/oligonucleotide chemistry; Avail. Jan 94; Research in academia/industry; Salary negot.; PR. 2-3591
Ph.D., 1985; Protein chemistry, molecular biology, enzymology; Protein purification, amino acid sequencing, electrophoresis, enzyme assay, enzyme mechanism/kinetics, HPLC, GC, TLC, CD, spectrophotometers, cloning, library construction, site-directed mutagenesis, Western/Southern blotting; Avail. Jul 93; Research in academia/industry; PR. 2-3592

Ph.D., 1985; Lipid biochemistry; Cholesterol synthesis/metabolism, lipid purification/characterization, GLC/HPLC/TLC method development, mammalian cell culture, enzyme assay development, protein purification, electrophoresis, Western blotting; Avail. Jul 93; Research/teaching; Salary negot. 2-3595

Ph.D., 1994 (expected); Bioanalytical chemistry; Protein purification, HPLC/FPLC, UV-VIS spectroscopy, nuclear magnetic resonance, electrochemistry, cloning, sequencing, site-directed mutagenesis, CD spectroscopy; Avail. Sep 94; Postdoc./research in academia/industry; Salary negot. 2-3596

Ph.D., 1991; Biochemistry, protein chemistry, enzymology, molecular biology; Transient/steady-state kinetics, protein folding, NMR, fluorescence spectroscopy, protein purification, enzyme assays, cloning, mutagenesis, PCR, DNA sequencing; Avail. Aug 93; Research in academia/industry; Salary negot.; PR. 2-3599

Ph.D., 1993 (expected); Biochemistry, molecular biology; Protein purification, regulation of gene expression in E. coli, cloning, gel retardation, in vivo/in vitro footprinting, mutagenesis, sequencing; Avail. Nov 93; Postdoc. in developmental biology-signal transduction, cell specific gene expression; J1 visa. 2-3603

Ph.D., 1993 (expected); Biochemistry, enzymology, protein chemistry; Kinetics, mechanistic studies of radical catalysis, molecular biology, cloning, PCR, mutagenesis, sequencing, cell culture, protein/plasmid purification, HPLC, FPLC, UV-VIS spectroscopy, enzymatic synthesis; Avail. Jan 94; Postdoc. in academia/industry; PR. 2-3604

Ph.D., 1990; Biophysical chemistry, enzymology, molecular biology; Transient/steady-state kinetics, protein folding, UV-VIS, fluorescence, CD, high resolution NMR, IR, Raman, protein purification, column chromatography, SDS-PAGE, mutagenesis, DNA sequencing, PCR; Avail. Dec 93; Research in academia/industry; H1B visa. 2-3605

Ph.D., 1989; Parasitology, molecular biology; Tissue culture techniques/transfections, cloning, site-directed mutagenesis, sequencing, transcription factors/DNA interactions, protein purification, electrophoresis, Western/Southern/Northern blots, receptor-ligand binding assays; Avail. Jul 93; Research in industry; Salary negot. 2-3607

Ph.D., 1984; Protein chemistry, molecular biology; Metabolism, HPLC, protein purification, protein/DNA sequencing, structure-function analysis, baculovirus/E. coli expression systems, Western/Southern blots, cloning, transcription factor/DNA interactions, site-directed mutagenesis, footprinting, gel shifts; Avail. Aug 93; Research in industry. 2-3608

Ph.D., 1993 (expected); Biochemistry; Kinetics, protein purification, electrophoresis, Western blotting, cloning/sequencing, costed vesicle purification, fluorescent labeling/radiolabeling of proteins, protein-protein interactions; Avail. Oct 93; Postdoc. in academia/industry; Salary negot. 2-3610

Ph.D., 1991; Molecular biology, protein/nucleic acid biochemistry, cell biology, immunology; Cloning, sequencing/mutagenesis, PCR, protein-ligand interactions, structure-function analysis, protein expression/purification, Western blotting, immunoprecipitation, cell culture, FACS; Avail. Feb 94; Postdoc./research; DC area. 2-3611

Ph.D., 1991; Physiology, biochemistry, molecular biology; cDNA cloning, electrophoresis, Southern/Northern blotting, in vitro translation, cholesterol assay, enzymatic assay, PCR, isotopic flux measurement, flame photometry, animal handling; Avail. Jul 94; Research in academia/industry; Salary negot.; PR. 2-3613

Ph.D., 1991; Toxicology, molecular biology; Drug/metabolite analysis by HPLC-EC, animal surgery, mitochondrial toxicity tests, cytotoxicity assays, tissue culture, cloning, PCR, electrophoresis, protein purification, mobility shift assay, Southern blotting, RNAase protection assay; Avail. Jul 94; Research in industry; Salary negot. 3-3614

Ph.D., 1993 (expected); Protein chemistry, biophysics; Steady-state/time-resolved frequency domain fluorometry, enzyme kinetics, UV-VIS spectrophotometry, protein purification, affinity, ion exchange, gel filtration chromatography, FPLC, electrophoresis, data analysis; Avail. Sep. 92; Postdoc. in academia/industry; Salary negot. 8-3615

M.S., 1988; Immunology, microbiology; Cell culture, biochemistry assays, immunohistochemistry, electron microscopy, Ab production, experienced technician, laboratory supervision; Avail. Jul 93; Research technician/teaching; Salary negot. 0-3616

Ph.D., 1990; Biophysical chemistry, protein chemistry, molecular biology; Membrane proteins, protein purification, kinetics, protein structure using fluorescence techniques, enzyme mechanisms, cloning, overexpression/mutagenesis, PCR; Avail. Oct 93; Research in academia/industry; Salary negot.; HI visa. 2-3619

Ph.D., 1989; Biochemistry, molecular biology; Enzyme purification, peptide/amino acid analysis, TLC, HPLC, PAGE, ELISA, Western/Southern/Northern, cloning by probes, antibodies/expression, PCR, transfection, DNA sequencing, oocyte microinjection, transcription/translation, genomic analysis; Avail. Aug 93; Research; PR. 2-3621

Ph.D., 1991; Analytical chemistry, biophysical chemistry, biochemistry; Stopped-flow kinetics, fluorescence lifetimes using frequency domain phase/modulation, CD, UV-VIS/NMR, lipid vesicle preparation, pressure-induced protein dissociation, protein labelling; Avail. Aug 93; Research in academia/industry; Salary negot. 8-3622

Ph.D., 1993 (expected); Microbiology, immunology; PCR, sequencing, gene cloning, mutagenesis, protein radiolabelling, cell culture, RNA, Northern, Southern, Western, receptor assays, fluorescent staining, flow cytometry, electroporation, transfection, library screening, teaching experience; Avail. Jan 94; Teaching/research in academia. 2-3623

Ph.D., 1974; Immunology, biochemistry, immunodiagnostic; Developed ELISA for proteins/endocriines, animal models for anxiety/depression, MAb production, idiotypes, cytotoxicity assays, QVB, corticosteroid sensitivity, in charge of clinical assays, managed vivarium; Avail. Jul 93; Research/development; PR. 6-3624

Ph.D., 1990; Immunology, immunology, cell biology; Function/intracellular signalling in neutrophils, protein phosphorylation, Ca++ fluxes, actin polymerization, protein purification, Western blotting, ELISA, FACS, tissue culture; Avail. Nov 93; Research in academia/industry; Salary negot. 6-3629

Ph.D., 1991; Immunology, molecular biology; Immunization, protein purification, FPLC, electrophoresis, ELISA, Western blotting, PCR, DNA sequencing, cloning/expression of recombinant protein; Avail. Jul 93; Research; Salary negot.; PR. 6-3630

Ph.D., 1990; Immunology, molecular biology, protein chemistry; Autoimmunity, PCR, cloning, sequencing, gene expression, protein purification, HPLC, electrophoresis, Western/Southern/Northern blotting, ELISA, radioligand binding, MAb production, tissue culture; Avail. Sep 94; Research in academia/industry; Salary negot.; J1 visa. 6-3633

Ph.D., 1990; Biochemistry, biophysics; Plasma lipoproteins, interaction with cells, atherosclerosis, phospholipid metabolism, signal transduction, apoptosis, cell culture, TLC, electrophoresis, radioisotopic methods, flow cytometry, fluorescent spectroscopy; Avail. Mar 94; Research in academia/industry; Salary negot.; J1 visa. 2-3661

Ph.D., 1988; Pharmacology, biochemistry, molecular biology, genetic toxicology; Cell cycle/DNA damage dependent gene expression, reporter genes, tissue culture, transfection/infection of mammalian cells, DNA damage/repair, cytotoxicity assays, drug interactions; Avail. Jul 93; Research in industry/academia; Salary negot. 3-3663
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The Waters styragel GPC columns include three series, each containing columns specifically designed for applications in ultrahigh, mid-range, and low molecular weight analysis of polymers. Every styragel column is available in three solvents: THF, DMF and Toluene. Millipore, Waters Chromatography Division, 34 Maple St., Milford, MA 01757-3696, USA.

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NRK cells (normal rat kidney cells transformed by thermosensitive Rous sarcoma virus) to their normal form. This is a useful reagent for the research of tyrosine oxidation. Wako BioProducts, Wako Chemicals USA, Inc., 1600 Bellwood Rd., Richmond, VA 23237, USA.

Software

The FMBIO™ FluorImager™ is the life science market's first filmless, non-radioactive image analysis system to use fluorescent-labeling techniques. Fluorescent labeling represents a breakthrough in image analysis because radioactive compounds are unnecessary, images are of higher resolution, and results are achieved more quickly than with traditional radioactive techniques. Hitachi Software Engineering America, Ltd., 111 Bayhill Dr., Suite 395, San Bruno, CA 94066, USA.

LabTrac continuously monitors such environmental parameters as airflow, humidity, and temperature, and logs all readings in a computer database. It then generates reports that help analyze findings, adds to the soundness of research, and verifies that the environment is within specifications. LabTrac sensors are easily calibrated to maintain accuracy and ensure research validity. It also notifies the user when the research validity is in jeopardy. Edstrom Industries, Inc., 819 Bakke Ave., Waterford, WI 53185-4299, USA.

GENeration™, a powerful software program for large-scale sequence assembly and management, uses a multiple sequence alignment algorithm developed especially for fragment assembly. The algorithm provides highly sensitive merges and eliminates degradation of the consensus sequence or "consensus rot." The program runs on a Sun SPARCstation and rapidly assembles sequence fragments. In just 2 min and 22 seconds, GENeration assembled 118 fragments, totaling over 36,500 base pairs, into a 9,351 base-pair consensus sequence. GENeration keeps a full history of the
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Literature

Research Organics, Inc.'s 250-page catalog of biochemicals for research and diagnostics is complete with specifications, offers 3,000 biochemicals, including biological buffers, fluorescent compounds, enzyme test reagents, molecular biochemicals, and plant tissue culture. Full-color product section describes fluorescent labels Cy3™/Cy5™, chromogenic enzyme substrates Red-Gal™, Red-Gluc™ and Red-Phos™, and acrylamide and buffer solutions. Other products include HEPES, TRIS, DTT, SDS, FITC, and TRITC. Research Organics, Inc., 4353 E. 49th St., Cleveland, Ohio 44125, USA.

Published quarterly by Sigma Cell Culture, The Source is a valuable reference newsletter for the cell culture researcher, providing information on subjects of cell culture work. It also identifies which Sigma Cell Culture products are best suited to specific applications discussed. The current edition discusses media used in mammalian cell culture. Sigma Cell Culture, P.O. Box 14508, St. Louis, MO 63178, USA.

Zymed's first immunohistochemistry catalog features over 50 full-color images of stained tissues. Products described include the widest range of immunohistostaining detection kits available; over 130 standardized antibodies (concentrated and prediluted); DAB, AEC, BCIP and AP-Red liquid substrate reagents; positive control slides, and many ancillary reagents. Unique products for tissue digestion, counterstaining, tissue adhesion, and endogenous peroxidase quenching are covered. Superior new antibodies for CEA and T Cell detection are also described. Zymed Laboratories Inc., 458 Carlton Ct., G San Francisco, CA 94080, USA.

A full-color brochure details the Zeiss microscopes, filter sets, and other instrumentation for performing high-quality fluorescence microscopy. The advantages of Zeiss ICS optics in obtaining brilliant, true color images are discussed. Advanced Zeiss confocal microscopes, such as the LSM 410 Inverted Confocal Laser Scan Microscope with three simultaneous fluorescence detectors, are also presented. A special section is devoted to the ATTOFLUOR Digital Fluorescence Analyzer for real-time fluorescence imaging and kinetic measurements. Microscope Division, Carl Zeiss, Inc., One Zeiss Drive, Thornwood, NY 10594, USA.

The Filter Book, featuring over 200 products in its 200 pages contains Gelman Sciences complete line of laboratory filtration products including membranes, syringe filters and devices, capsule filters, filtration hardware, and accessories. Featured products include: VacuCap™, an innovative bottle-top vacuum filtration device for cell culture filtration; Ion Chromatography Acrordisc™, syringe filters designed and certified for low ionic background levels, and MCE Black Membrane. Gelman Sciences, 600 S. Wagner Rd., Ann Arbor, MI 48103-9019, USA.

An applications note describes the analysis of Hormone Receptors by HPLC. The challenge of purifying steroid hormone receptors for structural or functional studies is detailed by describing the pioneering work of Dr. James Wittliff and colleagues at the Brown Cancer Center, University of Louisville. Included are illustrations showing isoforms of estrogen receptors differentiated by ion exchange, hydrophobicity, and chromatofocusing, as well as recommendations about increasing receptor stability. SynChrom, Inc., P.O. Box 5868, Lafayette, IN 47903, USA.

A brochure describes the line of Hypersil® silica-based HPLC packings, and includes chromatograms of important applications. Hypersil® HPLC packing materials have enjoyed widespread use by chromatographers for years due to its reproducible, excellent all-around chromatographic performance. Phenomenex offers a wide variety of Hypersil® bonded phases, both in prepacked, high-efficiency columns and bulk form. Column sizes from 1 mm to 50 mm I.D.s are available for analytical and preparative separations. Phenomenex, Inc., 2320 W. 205th St., Torrance, CA 90501, USA.
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