FOURTH INTERNATIONAL CONFERENCE OF ANTICANCER RESEARCH
21-25 October 1992, Crete, Greece

Major Themes
1. Oncogenes and tumor suppressor genes.
5. Cell-cell interactions; cell adhesion molecules and cancer.
6. Invasion and metastasis.
7. Carcinogenesis.
8. Tumor blood flow, tumor angiogenesis and anti-angiogenesis.
10. Immunohistochemistry.
12. Receptors; basic and clinical studies.
14. Chemotherapy (clinical and experimental; recent advances; combination chemotherapy; new targets; hyperthermia).
15. Immunotherapy.
17. Gene therapy in cancer.
18. Macrophages and cancer.
19. New drugs.
20. Drug resistance (mechanisms and modification of drug resistance; multidrug resistance).
22. Comparative oncopathology and its application to therapy.
23. Aging and cancer.
25. Predictive and preventive oncology.
27. Antitumor activity of dendritic cells.
28. Special symposia.

Organizing Committee

General Information
The Conference sponsored by Anticancer Research, will be held at the Creta Star Hotel, Rethymnon, Crete. All sessions will include oral and poster presentations and discussions. Abstracts of all contributed papers will be published in Anticancer Research. Specially discounted air fares, reduced fees for accommodation and for a variety of social events and touring possibilities will be provided for all participants. An Exhibition of Books and Journals, and newly offered instrumentation, apparatus and laboratory materials of interest to cancer researchers will be organized.

Further Information: Dr. J.G. Delinassios, Anticancer Research: 5 Argyropoulou Street, Kato Patissia, Athens GR-111 45, Greece. Telephone (Athens) 2016380 or 8142209. Fax 2016380.
Introducing a new kind of scientific conference...

Science
Innovation '92
New Techniques and Instruments in Biomedical Research

21–25 July 1992  ▲  San Francisco

Sponsored by the American Association for the Advancement of Science and Science Magazine

There’s never been a meeting like it.

At Science Innovation '92 you can...

✦ Acquire an overview of new technologies each morning in plenary sessions by great pioneers of science.

✦ Get practical solutions to your research problems each afternoon in intimate, informal advanced technology workshops (see list below).

✦ Introduce your own techniques to colleagues at the evening poster sessions.

✦ Experience new technologies up close daily at the exhibition and in evening industry workshops.

✦ Preview emerging technologies at a unique, last-day session spotlighting the next frontiers of science.

Advanced Technology Workshops

✦ Basic & Clinical Immunology Techniques
✦ Biomedical Imaging
✦ Chemical and Structural NMR
✦ DNA Amplification
✦ DNA Forensics
✦ DNA Sequencing Technology
✦ Electrical Measurements of Mammalian Cells in Culture
✦ Field Flow Fractionation
✦ Fluorescent In-situ Hybridization (FISH)
✦ Gene Expression
✦ Gene Mapping
✦ Gene Therapy
✦ Gene Transfer
✦ High-Speed Liquid Chromatography
✦ Information Analysis
✦ Innovations in Crop Production
✦ Mass Spectrometry
✦ Microscopy
✦ Nonisotopic Detection
✦ Oncogenes & Suppressor Techniques
✦ Optical Trapping (Laser Tweezers)
✦ Preparative & Analytical Electrophoresis
✦ Protein Structure Determination

For complete details regarding the scientific program, registration, abstract submission, or exhibits, call 202-326-6461 or fax your request to 202-289-4021.
<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>14-18 August 1992</td>
<td>FASEB Summer Research Conferences: Plant Molecular Genetics, Copper Mountain, Colorado, USA. (FASEB Summer Ranch Conferences Ofc., 9650 Rockville Pk., Bethesda, MD 20814-3998, USA)</td>
</tr>
<tr>
<td>9-14 August 1992</td>
<td>FASEB Summer Research Conferences: Thrombin: Structure and Function, Saxtons River, Vermont, USA (FASEB Summer Ranch Conferences Ofc., 9650 Rockville Pk., Bethesda, MD 20814-3998, USA)</td>
</tr>
<tr>
<td>11-14 August 1992</td>
<td>University of Colorado School of Medicine Tenth Annual Basic and Clinical Science Conference: Proteases, Protease Inhibitors and Protease-Derived Peptides: Importance in Human Pathophysiology and Therapeutics, Snowmass, Colorado, USA. (S. Thye, Correct, Inc., 5840 N. Broadway, Denver, CO 80221, USA)</td>
</tr>
<tr>
<td>23-28 August 1992</td>
<td>8th International Congress of Immunology, Budapest, Hungary. (Secretariat, 8th International Congress, c/o IP/INTERCONGRESS, H-1068, Dózsa, Györi út 84/a, Hungary)</td>
</tr>
<tr>
<td>6-9 September 1992</td>
<td>Zinc Finger Proteins in Oncogene: DNA Binding and Gene Regulations, Noordwijkerhout, The Netherlands (Conference Dept., NVAS, 2 East 63rd St., New York, NY 10021, USA)</td>
</tr>
<tr>
<td>10-13 September 1992</td>
<td>Society of General Physiologists 46th Annual Symposium: Molecular Biology and Function of Carrier Proteins, Woods Hole, Massachusetts, USA. (J. Leighton, SGP, Box 257, Woods Hole, MA 02543, USA)</td>
</tr>
<tr>
<td>21-23 September 1992</td>
<td>Area-Serono Symposium on G Protein-Associated Membrane Receptors: Molecular Biology, Signal Transduction and Physiology, Geneva, Switzerland. (S. Segloff, Dept. of Physiology and Biophysics, The U of Iowa Coll. of Med., Iowa City, IA 52242, USA)</td>
</tr>
<tr>
<td>23-26 September 1992</td>
<td>Third European Conference of Medical Librarians, Montpellier, France. (Secrétariat, J. Ginestet, Sandfi Recherche, 37, rue du Professeur Blaisey, F-3428 Montpellier Cédes 04, France)</td>
</tr>
<tr>
<td>18-23 October 1992</td>
<td>9th International ICOP Conference: Proteolysis and Protein Turnover, Williamsburg, Virginia, USA. (J. Bond, Dept. of Biochemistry, Virginia Tech, Blacksburg, VA 24061-0308, USA)</td>
</tr>
<tr>
<td>4-7 November 1992</td>
<td>APS Conference: The Cellular and Molecular Biology of Membrane Transport, Orlando, Florida, USA. (M. Frank, APS, 9650 Rockville Pk., Bethesda, MD 20814-3991, USA)</td>
</tr>
<tr>
<td>28 March-2 April 1993</td>
<td>Experimental Biology '93, New Orleans, Louisiana, USA. (FASEB Ofc. of Scientific Mgs. &amp; Conf., 9650 Rockville Pk., Bethesda, MD 20814-3998, USA)</td>
</tr>
<tr>
<td>5-9 April 1993</td>
<td>4th International Meeting on Trace Elements in Medicine and Biology: Trace Elements and Free Radicals in Oxidative Diseases, Chamonix, France. (A. Favier, Laboratoire de Biochimie C, Hopital A. Michallon, B.P. 217 X, 38043 Grenoble Cedex 09, France)</td>
</tr>
<tr>
<td>21-25 May 1993</td>
<td>AAII Annual Meeting, Denver, Colorado, USA. (AAII Ofc., 9650 Rockville Pk., Bethesda, MD 20814-3994, USA)</td>
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<tr>
<td>26 September-1 October 1993</td>
<td>XV International Congress of Nutrition, Adelaide, Australia. (CSIRO Div. of Human Nutrition, P. O. Box 10014, Gouger St., Adelaide SA 5000 Australia)</td>
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### Courses and Workshops

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<tr>
<th>Date</th>
<th>Event Description</th>
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<tr>
<td>1-6 June 1992</td>
<td>YACs and Phage Vectors as Tools for Cloning and Analysis of Large DNA, Bethesda, Washington, DC, USA. (CATCMB, 103 McCord-Ward Bldg., The Catholic University of America, Washington, DC 20064, USA)</td>
</tr>
<tr>
<td>1-5 June 1992</td>
<td>Basic Cell and Tissue Culture, Washington, DC, USA. (CATCMB, 103 McCord-Ward Bldg., The Catholic University of America, Washington, DC 20064, USA)</td>
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<tr>
<td>2-5 June 1992</td>
<td>Separation and Purification Strategies for Biotechnology Products, University Park, Pennsylvania, USA. (K. Rashid, Biotechnology Inst. and Bioprocessing Ranch Ctr., 519 Wattar Lab., University Park, PA 16802, USA)</td>
</tr>
<tr>
<td>8-12 June 1992</td>
<td>Recombinant DNA and PCR Methods for Diagnosis of Microbial and Neoplastic Disease, Washington, DC, USA. (CATCMB, 103 McCord-Ward Bldg., The Catholic University of America, Washington, DC 20064, USA)</td>
</tr>
<tr>
<td>10-12 June 1992</td>
<td>Freezing &amp; Freeze-Drying of Microorganisms, Rockville, Maryland, USA. (ATCC-Workshops, 12301 Parklawn Dr., Rockville, MD 20852, USA)</td>
</tr>
<tr>
<td>16-19 June 1992</td>
<td>Fermentation Methods and Scale-Up Strategies, University Park, Pennsylvania, USA. (K. Rashid, Biotechnology Inst. and Bioprocessing Ranch Ctr., 519 Wattar Lab., University Park, PA 16002, USA)</td>
</tr>
<tr>
<td>29 June-1 July 1992</td>
<td>Cold Spring Harbor Laboratory: Molecular Cloning of Neural Genes, Cold Spring Harbor, New York, USA. (Course Registrar, 1 Bungtown Rd., Cold Spring Harbor, NY 11724, USA)</td>
</tr>
<tr>
<td>29 June-1 July 1992</td>
<td>Cold Spring Harbor Laboratory: Molecular &amp; Developmental Biology of Plants, Cold Spring Harbor, New York, USA. (Course Registrar, 1 Bungtown Rd., Cold Spring Harbor, NY 11724, USA)</td>
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</table>

13 July 1992. Introduction to PCR, New York, New York, USA. (S. Chance, Biotechnology Training Programs, 301 Main St., Ste. 3, Ames, IA 50010, USA)

26 July-7 August 1992. IV Latin American Course on Biotechnology. XIII International Course on Biochemical Engineering, Valparaiso, Chile. (F. Acevedo, Escuela de Ingeniería Bioquímica, U. Católica de Valparaiso, Gen. Cruz N° 34, Valparaiso, Chile)

4-7 August 1992. Fermentation Microbiology, Rockville, Maryland, USA. (ATCC/Workshops, 12301 Parklawn Dr., Rockville, MD 20852, USA)

10-26 August 1992. The Biochemistry of Parasitic Protozoa, Nairobi, Kenya. (V. Konji, Dept., of Biochemistry, U. of Nairobi, P. O. Box 30197, Nairobi, Kenya)

11-14 August 1992. Fermentation Microbiology, Rockville, Maryland, USA. (ATCC/Workshops, 12301 Parklawn Dr., Rockville, MD 20852, USA)

29 October-1 November 1992. AAP Course: Concepts in Molecular Biology, Bethesda, Maryland, USA. (AAP O/C, 9650 Rockville Pk., Bethesda, MD 20814-3993, USA)


POSITIONS AVAILABLE — Classified advertisement: $25.00 per line (70 characters), $250.00 (10 line) minimum. Display advertisement: $700.00 for ¼ page, 3½ inches x 4 inches; $1000.00 for ½ page, 3½ inches x 9 inches (vertical) or 7½ inches x 4½ inches (horizontal); $1400.00 for full page, 7½ inches x 9 inches. (For display ads, add 5% if mechanical not submitted.) Advertisements will be published in next available issue unless otherwise specified. Deadline for receipt of copy is 5th day of month before publication. Payment, purchase order, 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 are allowed one advertisement of five lines, each containing 70 characters including spaces. The issue in which advertisement appears will be based on date of receipt of copy. Fee for publication in additional issues: $15.00 per issue.

Primary employers desiring identification and additional details concerning Positions Desired advertisers should write to address below, indicating hyphenated number appearing as last element of advertisement; a one-page registration from advertiser(s) will be provided immediately. Advance telephonic determination of availability of advertisers from earlier-than-current issues is recommended. Employers not currently registered with Placement Service for annual meeting participation are charged a minimum fee of $50.00 for identification of up to 10 employers, plus $5.00 for each above 10, payable in advance to FASEB Placement Service.

Some registered candidates do not prepare Positions Desired advertisements; some advertisements are published at times not coinciding with employer recruitment activities. Primary employers not finding advertisements that appear to match current or projected needs 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 annual meeting participation are charged a minimum fee of $50.00 for up to 10 identifications, plus $5.00 for each above 10.

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

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

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

For a description of operation at meetings, contact the Placement Service.

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

***

POSITIONS AVAILABLE

FACULTY. Baylor College of Medicine, Houston, Texas, Department of Anesthesiology is inviting applications and nominations for faculty positions at assistant professor and associate professor levels. These positions offer excellent opportunities to develop an academic career in a department with excellent clinical and research resources and facilities. We are interested in qualified candidates in general anesthesiology and in basic science research in molecular pharmacology of ion channels or cerebrovascular physiology or pharmacology. Qualified candidates should send CV to William F. Childres, M.D., Chairman, Department of Anesthesiology, Baylor College of Medicine, 6550 Fannin, Suite 1003, Houston, TX 77030. Baylor College of Medicine is an affirmative action/equal opportunity employer.

POSTDOCTORAL. Available immediately to study neuroendocrine and thermoregulatory mechanisms in animal models for the hot flush, diabetes and hypertension. Techniques include small animal surgery, RIA, HPLC, vascular smooth muscle preparation and telemetry. Background in computer application desired. Send resume and three letters of reference to Dr. Michael J. Katovich, Department of Pharmacodynamics, Box 100487, Health Science Center, University of Florida, Gainesville, FL 32610-0487. University of Florida is an equal opportunity/affirmative action employer.

RESEARCH FELLOW. Full-time position available in medical school department to work on research project on the development of the auditory system. Cell culture study of migration and differentiation of CNS neurons and sensory ganglion using cell and molecular methods. Skills in tissue culture, histology, microscopy, and experience with immunocytochemistry or electron microscopy desirable. Electrophysiology possible. Direction of project flexible. Ph.D. or equivalent. Salary depends on experience. Qualified applicants should send resume and references by May 30, 1992 to Dr. D. K. Morest, Department of Anatomy, MC3405, UConn Health Center, Farmington, CT 06030. EOAEE.

MOLECULAR BIOLOGIST working with prokaryotic molecular genetics. Tenure-track position as Associate Professor or Professor at the State University of New York at Buffalo. Doctoral degree in relevant field; documented research in molecular biology and microbiology desirable; independently funded research program in these areas; teaching experience at the graduate, undergraduate and professional levels in a health science center desirable. Send CV and three letters of reference to Chairman, Molecular Biology Search Committee, State University of New York at Buffalo, School of Dental Medicine, Department of Oral Biology, 115 Foster Hall, 3435 Main Street, Buffalo, NY 14214. SUNY at Buffalo is an affirmative action/equal opportunity employer with an interest in identifying prospective minority and women candidates.
MEMORIAL UNIVERSITY OF NEWFOUNDLAND

HEAD, DEPARTMENT OF BIOCHEMISTRY

Memorial University of Newfoundland invites applications and nominations for the position of Head, Department of Biochemistry, Faculty of Science. The appointment, to be effective September 1, 1992, or the earliest possible date thereafter, is initially for a term of three years and is renewable.

The Department offers undergraduate programs in Biochemistry, Food Science, Nutrition and Dietetics. Graduate programs are offered in Biochemistry and Food Science. Biochemistry is a dynamic Department with strong research programs which have gained international recognition. There are approximately 27 faculty members, 200 undergraduate and 29 graduate students in the Department.

Memorial University is the largest university in Eastern Canada, with approximately 17,500 full and part-time students, supported by a faculty of over 900, and non-academic staff of some 2,000 individuals. The main campus is located in St. John’s, the provincial capital, with a population of over 150,000. It enjoys a moderate climate and offers numerous outdoor activities throughout the year.

Applicants should have an active research program and administrative experience, be forward looking and possess a high profile and stature in the discipline as well as a commitment to teaching and research. Applications and nominations will be treated in confidence. The resume, along with the names of three referees, should be submitted by June 30, 1992, to:

Search Committee
% J.M. Foltz, Associate Dean of Science
Memorial University of Newfoundland
Chemistry-Physics Building
St. John’s, Nfld., Canada
A1B 3X7
FAX: (709) 737-3316
E-mail: jane@kean.ucs.mun.ca

In accordance with Canadian immigration requirements, first preference will be given to Canadian citizens and permanent residents. Memorial University is committed to the principles of employment equity and welcomes applications from all qualified candidates.
NUTRITION AND DIETETICS INSTRUCTOR

The Department of Nutrition and Dietetics at the UNIVERSITY OF DELAWARE announces a full-time, 9 month, tenure track Instructor position, to develop and manage a nutritional biochemistry laboratory and to teach nutrition courses, including research methods. Additional responsibilities include participating in college and university faculty member activities, and developing and conducting a laboratory based research program.

QUALIFICATIONS: (1.) Completed Doctorate preferred; completion of Doctoral degree within 1 year of appointment; RD not required but desirable; (2.) Expertise and skill in performing a variety of nutritional biochemistry research methods; (3.) Evidence of ability/potential in teaching and scholarly activities.

THE UNIVERSITY and the DEPARTMENT: The University of Delaware is a state assisted land and sea grant institution with an enrollment of approximately 20,000 students. The main campus is located in Newark, DE and is situated midway between New York City and Washington, D.C. The Department of Nutrition and Dietetics is within the College of Human Resources and has an enrollment of approximately 150 majors in nutrition.

APPLICATION INFORMATION: Those interested should send (1.) letter of application, (2.) curriculum vitae, and (3.) official transcripts to: Search Committee, c/o Marie Fanelli Kuczynski, PhD, 317 Allison Hall, Newark, DE 19716. References to be solicited later. The application deadline is May 15, 1992. The appointment date is September, 1992. The University of Delaware is an equal opportunity employer which encourages applications from qualified minority group members and women.

FACULTY POSITION IN IMMUNOLOGY

UNIVERSITY OF CALIFORNIA, LOS ANGELES

The Department of Microbiology and Immunology, UCLA School of Medicine, invites applications and nominations for a tenure-track faculty position. We seek an outstanding candidate who applies molecular and cellular approaches to study aspects related to the development, function or regulation of the immune system. Candidates studying defense mechanisms against microbes are also encouraged to apply. The department is committed to excellence in immunology and UCLA offers an exciting environment with a large and interactive research community. Applicants must have a Ph.D. and/or M.D., postdoctoral experience and a strong record of research accomplishments. The successful candidate is expected to develop an independent research program and participate in teaching Ph.D. graduate students and medical students. Although candidates at the assistant professor level will be preferred, outstanding applicants will also be considered for appointment at the level of associate or full professor. Interested applicants should send CV, a statement of research interests, selected reprints and names of at least three references to Dr. Rafi Ahmed, Chair, Immunology Faculty Search Committee, Department of Microbiology and Immunology, UCLA School of Medicine, Los Angeles, CA 90024-1747.

Application deadline is August 1, 1992.

UCLA is an affirmative action/equal opportunity employer.

Kellogg's® NUTRITIONIST

Kellogg Company, a world leader in quality food manufacturing, has an opening for a Nutritionist in its Corporate Nutrition Department.

The purpose of this position is to contribute to Kellogg Company's business growth by developing and promoting nutrition programs that are related directly or indirectly to Kellogg's products. The objectives of these programs is to positively position the company to respond to the interests and concerns of a variety of audiences.

These activities require the ability to present information persuasively, accurately and effectively via educational materials and speeches. In addition, the incumbent will also coordinate nutrition research projects, and review scientific and governmental literature.

This position requires a Ph.D. in Nutrition or Food Science and Nutrition; R.D. or R.D. eligibility preferred. A high level of communications skills is essential.

This high visibility, challenging position is located at our Corporate Headquarters in park-like Battle Creek, Michigan. We offer a stimulating work environment, competitive salary, company-paid benefits, liberal relocation assistance and growth based on performance.

If you are qualified and interested, please send a letter and resume along with salary history to: Paul W. Jones

Kellogg's®
One Kellogg Square
P.O. Box 3599
Battle Creek, MI 49016-3599
An Equal Opportunity Employer M/F/H/V

PRE- AND POSTDOCTORAL TRAINING POSITIONS IN PULMONARY PHYSIOLOGY

Training is offered at the University of Wisconsin-Madison under the terms of an NIH training grant. Training faculty includes G. E. Bisgard, J. A. Dempsey, G. S. Mitchell, J. B. Skatrud and E. H. Vidruk. Research includes chemoreceptor physiology, neural regulation of tracheal smooth muscle, exercise and sleep effects on neural-mechanical regulation of breathing and respiratory muscle regulation. Write to J. A. Dempsey, Ph.D., Department of Preventive Medicine, 504 N Walnut Street, Madison, WI 53705. The University of Wisconsin is an affirmative action/equal opportunity employer.

INSTRUCTOR, PHARMACOLOGY.

Responsible for teaching graduate students on both an individual and group basis in the area of the interaction of G proteins, receptors and phospholipases and their roles in cell proliferation and oncogenesis. The incumbent will also be responsible for the design, execution and evaluation of in vitro biochemical and molecular genetic experiments in this area. Required: Ph.D. in biochemistry or molecular biology and at least three years postdoctoral experience in the biochemistry and molecular biology of G proteins and associated receptors and effectors, documented by publication. Training or knowledge of relevant G protein physiology, pharmacology or endocrinology documented by graduate or medical training. Send application, CV and two letters of reference to Ms Cheryl Lacy, Department of Pharmacology, University of Texas Southwestern Medical Center, 5323 Harry Hines Boulevard, Dallas, TX 75235-9041. UT Southwestern in an equal opportunity institution.

POSTDOCTORAL.

Available on or about July 1, 1992, to study the expression and function of nuclear retinoic acid receptors during the in vitro differentiation of tracheal epithelial cells. Purify and characterize retinoic acid receptors from expression systems. Experience in protein purification and molecular biology techniques (HPLC, affinity chromatography, Northern and Southern blotting) desired. Please send resumes including CV and names of three references to Richard M. Niles, Ph.D., Professor and Chairman, Department of Biochemistry, Marshall University School of Medicine, Huntington, WV 25755. Marshall University encourages applications from women and minorities and is an affirmative action/equal opportunity employer.

POSTDOCTORAL RESEARCH FELLOWSHIPS. Ph.D. or M.D. in following areas: comparative physiology of exercise; lung growth and maturation; mechanics of the diaphragm and right ventricle. The approach is multidisciplinary involving Departments of Cell Biology, Pathology, Pediatric, Physiology and Pulmonary Medicine at the University of Texas Southwestern Medical Center at Dallas (UTSMC) and the Joint Graduate Program in Bioengineering at the UTSMC at Dallas and the University of Texas at Arlington, both equal opportunity employers. Contact Robert L. Johnson, Jr., M.D., Pulmonary Research Division of Medicine, 5323 Harry Hines Boulevard, Dallas, TX 75235-9034 (214) 688-3426; FAX (214) 688-2087.

ASSISTANT/ASSOCIATE RESEARCHER, or ASSISTANT/ASSOCIATE ADJUNCT PROFESSOR. Ph.D. with expertise in molecular/cell biology to join a program investigating the immune-, cell and molecular biology of the glomerulus and glomerular diseases. Adjunct Professor requires demonstration of proficiency in teaching of students and postdoc start-up funding. Submit CV with five references to Dr. Dennis Styne, Chair, Department of Pediatrics, University of California, 2516 Stockton Boulevard, Sacramento, CA 95817. The University of California, Davis, is an affirmative action/equal opportunity employer. Position remains open until filled but not later than September 30, 1992 to be considered.

POSTDOCTORAL, NEUROENDOCRINOLOGY. Applications are invited from persons with Ph.D. and/or M.D. for research with a neuroendocrine group investigating the roles played by neuropeptides in central disorders and in small-cell carcinoma. Position restricted to U.S. citizen or resident. Send CV and three letters of reference to Dr. William G. North, Department of Physiology, Dartmouth Medical School, Hanover, NH 03756. Dartmouth College is an equal opportunity employer.

POSITIONS DESIRED

Ph.D., 1988; Molecular virology, immunology, receptor biology; Site-directed/PCR mutagenesis/chimeras, DNA sequencing, cell culture, tat/CAT, production/assay of TNF, IFN, c/β and TGFα, PDGF, protein purification, molecular sieve, DEAE, CMC, SDS-PAGE; Avail. May 1992; Postdoc. in academia/industry; Salary negot. 2-2187

Ph.D., 1992 (expected): Immunoochemistry, protein chemistry, enzymology; Western blots, ELISA, MAB and F(ab)2 purification, enzyme activity assays, standard protein chemistry bench techniques, electrophoretic and conventional chromatographic techniques; Avail. October 1992; Research in industry/government/academia; Salary negot. 2-221

Ph.D., 1989; Enzymology, molecular biology; Protein purification (HPLC, electrophoresis), protein folding (circular dichroism, fluorescence), site-directed mutagenesis, protein overexpression, cloning, sequencing, PCR; Avail. July 1992; Research associate/patents in industry; Salary negot.; J1 visa. 2-2349

Ph.D., 1985; Biophysical chemistry; Molecular modeling and dynamics, Monte Carlo, ab initio, continuum dielectric and empirical parameter development, protein purification, enzyme kinetics, chemical modification, HPLC, NMR, UV/IR, organic synthesis, gel electrophoresis, time-resolved fluorescence; Avail. July 1992; Research. 2-2350

Ph.D., 1992 (expected); Biophysics, medical physics, radiation oncology, protein chemistry; Raman, EPR, NMR, fluorescence spectroscopy, laser systems, chemical modification of metalloenzymes, drug-DNA interaction, mitochondrial membrane; Avail. May 1992; Research/postdoc. in academia/industry; Salary negot.; F1 visa. 2-2351

Ph.D., 1993 (expected); Biophysical chemistry, heterogeneous photocatalysis, photoelectrochemistry; Photodynamics of recombinant heme by resonance Raman, porphyrin binding to catalytic antibody by dual-channel Raman, analysis of organics by UV/Vis and GC/MS; Avail. August 1993; Postdoc.; Salary negot.; F1 visa. 2-2352

Ph.D., 1990; Renal physiology; Epithelial transport, K channels, cell-attached and excised patch clamp recording, in vivo distal tubule microperfusion, analysis of nanoliter samples; Avail. August 1992; Postdoc. in academia; Salary negot. 1-2353

Ph.D., 1989; Biochemistry, molecular biology; Cloning, DNA sequencing, transcription factors/DNA interactions, electrophoresis, Western/Southern/Northern blotting, immunoprecipitation, tissue culture, analysis of signal transduction; Avail. May 1992; Teaching/research in academia/industry; Salary negot. 2-2355

Ph.D., 1992 (expected); Biochemistry; Lipid methodology, fluorescence spectroscopy, DSC, membrane biology, high pressure methods, protein chemistry skills (column chromatography, SDS-PAGE), signal transduction, membrane biophysics, lipid/protein interactions, membrane receptors; Avail. June 1992; Postdoc. in academia/industry. 2-2356

Ph.D., 1991; Pharmacology, biophysics, molecular biology, protein chemistry; Bioenergetics, ion transport, membrane protein, mitochondria, liposomes, reconstitution, protein purification, electrophoreses, blotting, antibodies, cloning, sequencing, expressing, cell culture, cytotoxicity assays; Avail. July 1992; Research; HI visa. 3-2357

Ph.D., 1990; Molecular biophysics; Chemical carcinogenesis, DNA chemistry, DNA/small ligand interactions, DNA conformation, laser-excited fluorescence spectroscopy, electrophoresis, DNA sequencing, HPLC, TLC, UV/Vis spectroscopy, cloning in E. coli; Avail. July 1992; Research/teaching in academia/industry; Salary negot.; Prefer Southeast. 2-2358

Ph.D., 1987; Protein chemistry, molecular biology, carbohydrate chemistry; Enzyme purification, characterization, modification, Ab sequencing, PCR, mutagenesis, cloning, expression in prokaryotes and eukaryotes, cDNA libraries, Western/Southern/Northern blotting, regulatory activities with FDA; Avail. August 1992; Research/regulatory/industry. 2-2359

Ph.D., 1983; Biophysical chemistry; Multidimensional NMR spectroscopy of nucleic acids and peptides, RNA synthesis, purification, structure determination, circular dichroism spectroscopy, HPLC, teaching graduate level NMR spectroscopy and physical biochemistry; Avail. May 1992; Research in academia/industry; Salary negot. 2-2360

Ph.D., 1992 (expected); Biophysics, biochemistry, surface science; Membrane biology, polymer lipids, surfactant monolayer, LB film fiber optics, liposome/LB fusion, fluorescence microscopy/spectroscopy/analytical instruments/electron diffraction/HPLC/chromatography; Avail. May 1992; Postdoc./research in academia/industry; Salary negot.; PR. 2-2361

Ph.D., 1991; Biological chemistry, protein neurochemistry; Involvement of Ca2+ binding proteins in neurotransmitter release, funded, published, excellent teaching evaluations; Avail. September 1992; Research/teaching in academia; Salary negot. 2-2362

Ph.D., 1992 (expected); Molecular and cellular biology, protein chemistry; Protein expression, purification (biochemical, immunological), Westerns, recombinant DNA/RNA, sequencing, tissue culture, RIA, X-ray diffraction, NMR, IR spectroscopy; Avail. September 1992; Research in academia/industry; Prefer Rockies/West coast; Salary negot. 2-2363

Ph.D., 1992 (expected); Enzymology, protein chemistry; Protein purification and analysis, enzyme characterization, protein microsequencing, protein kinases, phosphataes, DNA polymerase, protein methylase, multi-enzyme complexes of mitochondria, enzyme kinetics, HPLC, FFLC, Western blot; Avail. December 1992; Postdoc. in academia; F1 visa. 2-2364

Ph.D., 1992 (expected); Protein biochemistry, enzymology; Signal transduction, protein phosphorylation/dephosphorylation, enzyme regulation, protein purification/characterization; Avail. December 1992; Research/postdoc. in academia/industry; Salary negot.; F1 visa. 2-2365

Ph.D., 1988; Biochemistry, biophysical chemistry; Heme proteins, membrane proteins, protein isolation and purification, CD, MCD, EPR, hemoglobin oxygenation isothersms, numerical analysis, programming; Avail. May 1992; Research in academia/industry; Salary negot. 2-2366

M.D., 1982; Molecular/cell biology, biochemistry; Cloning, recombinant DNA construction, Western/Southern/Northern blotting, preparations of RNA/DNA, sequencing, retroviral gene transfer, single strand DNA, MAB, receptors, radioligand binding assay, immunohistochemistry, cell culture; Avail. June 1992; Research in academia/industry; HI visa. 2-2367
Ph.D., 1992 (expected); Immunology, medical microbiology, neuroscience; Immunohistochemistry, tissue culture, histology, animal surgery, biological assays for lymphokines, cytotoxicity assay, adenylate cyclase activity detection, proliferation assay, protein purification; Avail. September 1992; Postdoc.; Salary negot.: 6-2601

Ph.D., 1986; Pharmacology, cell biology; Growth factors signalling, tyrosine kinase, bioassays, neuroeffector transmission, EDRF, gel electrophoresis, Western blotting, second messengers assays; Avail. July 1992; Research/teaching in academia/industry; Salary negot.; Now in Canada. 3-2602

Ph.D., 1988; Biochemistry, nutrition; Lipid metabolism, enzymes, vitamin A, beta-carotene, animal surgery, RIA, HPLC, TLC, tissue culture, statistics, human and animal experiments, Ab production; Avail. May 1992; Teaching/research in academia/industry; Salary negot.; Washington, D.C., MD; PR. 5-2603

Ph.D., 1992 (expected); Physiology; Regulation of catecholamine biosynthesis, signal transduction systems (cAMP, GMP, phosphoinositides), phosphodiesterases, cell culture, RIA, autonomic control of the heart, sympathetic nerve recording, classical conditioning; Avail. January 1993; Postdoc.; Salary negot. 1-2604

Ph.D., 1990; Respiratory neurophysiology; Reflex ventilatory control, in vitro and in vivo techniques, intra- and extracellular neural recording, spike triggered averaged of post-synaptic potentials, single unit extracellular afferent fiber recording, blood gas and acid-base balance analysis; Avail. January 1993; Research/teaching in academia; Now in Canada. 1-2605

Ph.D., 1985; Physiology, pharmacology, neuroscience; Vascular cell electrophysiology, fluorescence imaging (Ca2+), sympathetic & sensory neurotransmission, peptides, nitric oxide, tissue baths, microvessel force/dimensions, animal surgery, in vivo Doppler hemodynamics; Avail. May 1992; Research/teaching; Salary negot. 1-2606

Ph.D., 1981; Renal and bone biochemistry and physiology; Research fellowships at Mayo Clinic and NIH, technical and administrative support for U.S. Army research program, medical editor at a major institution; Avail. June 1992; Teaching, technical, or administrative position; Salary negot. 1-2607

Ph.D., 1992 (expected); Biochemistry, protein chemistry; Mitochondrial protein purification, tissue culture, DNA/protein gel electrophoresis, Southern/Western blotting, topoisomerase/DNA interactions, mtDNA isolation/analysis; Avail. August 1992; Postdoc. in academia/industry. 2-2608

Ph.D., 1989; Molecular virology, molecular biology, protein chemistry; Photosynthesis, RNA virus, PCR-based mutagenesis, cloning, transcription, translation, Western/Southern/Northern blots, immunoprecipitation, peptide antibodies, radiomicrosequencing, peptide mapping; Avail. June 1992; Salary negot.; 1-2610

Ph.D., 1992 (expected); Human nutrition, metabolism; Mineral and omega-3 FA metabolism, kidney response to caffeine, mineral and metabolite analysis in urine, plasma and saliva by AAS, RIA, GC, TLC, UV/VIS, SDS-PAGE, enzyme and lipid assays in muscle; Avail. August 1992; Western US; Research/postdoc. in academia/industry. 5-2611

Ph.D., 1992 (expected); Nutrition/epidemiology; International health, child nutrition, nutrition-infections interactions, food security, design & analyses of community studies, nutritional status assessment, SAS mainframe, international experience; Avail. September 1992; Research/implementation; Salary negot.; 5-2612

Ph.D., 1982; Nutrition, physiology, metabolism, endocrinology; Organ perfusion (liver, brain), tissue culture, small animal surgery, insulin metabolism, sociological aspects of science, writing and editorial; Avail. January 1993; Teaching, research & development; Salary negot. 3-2613

Ph.D., 1989; Immunology, cytokine biology; Signal transduction IL-1 and IL-2, cell culture, in vitro assays of inhibitors of cytokine action, cytotoxicity assays, radioligand binding, medical technology in blood banking; Avail. July 1992; Postdoc. in industry/hospital cytokine/stem cell development research. 6-2614

Ph.D., 1992 (expected); Pharmacology, immunology (immediate hypersensitivity); RIA (PAF, PGE2, TXA2), enzymatic assays (cAMP, glucose), TLC, column chromatography, immunohistochemistry, histology, animal surgery, isolated organ perfusion, tissue culture; Avail. September 1992; Postdoc. in academia/industry; Salary negot. 5-2615

Ph.D., 1992 (expected); Immunology, microbiology, parasitology; T cell cloning, macrophage activation & cytokines, cytotoxicity, MAb production, cell culture, electrophoresis, Western blots, affinity chromatography, DNA extraction, TEM & immune EM; Avail. July 1992; Postdoc. research; Salary negot.; F1 visa. 6-2616

Ph.D., 1988; Immunology, molecular biology, parasitology; Cloning, library construction, assay development, RIA, ELISA, protein purification, Western/Northern/Southern blotting, tissue culture, MAb production, in vitro expression eukaryotic and prokaryotic; August 1992; Research; Salary negot. 6-2617

Ph.D., 1990; Animal physiology; Surgical techniques, RIA, protaglandin metabolism, GSH actions and influence on hepatic and renal perfusion, HPLC, organic ion uptake studies, P-450 metabolism of halogenated hydrocarbons, whole animal setup for renal function analysis, computer applications; Avail. October 1992; Research/teaching. 1-2618

Ph.D., 1993 (expected); Biochemistry, protein chemistry, enzymology; Techniques in purification of cytosolic and membrane proteins, electrophoresis, Western blotting, HPLC, MAb production, tissue culture, biostatistics; Avail. February 1993; Postdoc. in academia/industry; Eastern PA, NJ; Salary negot. 2-2620

Ph.D., 1990; Nutritional biochemistry, carbohydrate and lipid intermediary metabolism; In vitro & in vivo stable & radioisotope, GC/MS and isotopic data reduction, enzymatic analysis, GC/C/MS, TLC, animal surgery, GI dynamic marking technique, teaching, computer skill; Avail. July 1992; Research in academia/industry; HI visa. 5-2621

Ph.D., 1979; Immunology; RIA, in vitro allergic tests by microcapillaries (patentee), infectious diseases, serologic diagnostics by non-diagnostic titres, single performance of a test, simultaneous assessment of avidity of antibodies; Avail. May 1992; Research in academia/industry; Toronto. 6-2622

Ph.D., 1988; Biomedical sciences, physiology; Animal surgery, isolated perfused organs, antioxidant enzyme assays, chemiluminescence, O2 consumption, mitochondrial isolation, leukocyte isolation from blood and peritoneal exudates, liposome preparation and administration; Avail. July 1992; Research/teaching; Salary negot. 1-2623

Ph.D., 1990; Biomedical and mechanical engineering; Medical imaging (CT, DSA, MRI), signal and image processing, solid and fluid mechanics, coronary and cardiovascular physiology; Avail. September 1992; Research in academia/industry; Eastern U.S.; Salary negot. 1-2624

Ph.D., 1990; Biochemistry, protein chemistry, enzyme kinetics; Signal transduction and tyrosine phosphorylation, phospholipase C and D, protein purification, HPLC, GC, 1- and 2-D electrophoresis, Western blotting, assay development, electron microscopy; Avail. June 1992. Research in industry/academia; Mid-Atlantic region; Salary negot. 2-2625

Ph.D., 1992 (expected); Pharmacology; Cardiovascular and endocrine pharmacology, vitro and vivo pharmacology of angiotensin II in estrogen-treated animal models, animal surgery, protein purification, cell culture, molecular genetics, RIA, calcium measurements, statistics; Avail. May 1992; Postdoc.; F1 visa. 3-2627

Ph.D., 1990; Swine nutrition, microbiology, avian endocrinology; Cell culture, anaerobic bacteria culture, Northern blotting, radioimmunoassay, GC, statistics, animal surgery, feed additive studies in swine, measurement of gut turnover in vivo; Avail. May 1992; Research and teaching in academia/industry; Salary negot.; New Jersey. 3-2629

Ph.D., 1986; Cellular & humoral immunology, tumor immunology, immunodiagnosis & therapy, immunochrometry; T cell cloning, CTL assay, FACS analysis, Ag presentation, Ab production, ELISA, protein purification, Western blotting, electrophoresis, chromatography, HPLC; Avail. June 1992; Research in academia/industry; Salary negot.; H1 visa. 6-2630
Ph.D., 1989; R.D., 1993 (expected); Toxicology, nutrition, food science; Mycotoxins, immunotoxicology, peroxisome proliferators, hepatocarcinogenesis, primary hepatocyte culture, eicosanoid metabolism/analysis, HPLC; RIA, ELISA, clinical studies, sports nutrition; Avail. September 1992; Research in academia/industry; Salary negot. 5-2631

Ph.D., 1992 (expected); Biochemistry; Myo-CoA reductase, molecular biology, protein-protein and protein-DNA interactions, Western blotting, electrophoresis, HPLC, FPLC, TLC, enzyme kinetics, spectroscopy, radioisotopes, animal care; Avail. January 1993; Postdoc./research in academia/industry; Salary negot. 2-2632

Ph.D., 1993 (expected); Pharmacology; Diets and the central regulation of blood pressure in both normal and hypertensive animals, role of the sodium pump in the CNS in hypertension, normal surgery (dog & rat), stereotactic techniques, isolated perfused kidney of the rat, statistics; Avail. May 1993; Postdoc.; PR. 3-2633

Ph.D., 1988; Pharmacology, cellular & molecular biology of neoplasia; Radioisotopes, electrophoresis, cytotoxicity assays, tissue culture, in vitro & in vivo, supervised analytical laboratory, HPLC; AA, pharmacokinetics; Avail. May 1992; Faculty/research in academia/industry; Salary negot. 3-2634

Ph.D., 1992 (expected); Pharmacology; In vivo, conscious studies in rat models of renovascular hypertension, surgery, RIA, RIA, TLC, HPLC, interest in applying pharmacological techniques toward preclinical assessment of innovative pharmaceutica for cardiovascular disease; Avail. August 1992; Postdoc. in industry/academia; Salary negot. 3-2635

Ph.D., R.D., 1991; Nutrition, food science, dietetics; Lipid biochemistry, bone and calcium metabolism, primary cell studies, small animal surgery, radioisotope usage, RIA, receptor (E2), dietetics, food science, teaching; Avail. September 1992; Research/teaching in academia; Salary negot. 5-2636

Ph.D., 1992 (expected); Immunology, cell biology, molecular biology; Cell culture, MAb production, flow cytometry, ELISA, PAGE, Western blotting, immunoprecipitation, neutrophil oxidative burst/phagocytosis/chemotaxis/surface marker assays, cDNA library construction, DNA sequencing; Avail. December 1992; Postdoc.; F1 visa. 6-2640

Ph.D., 1987; Inflammation, molecular biology, immunology, physiology; Cytokines/adhesion molecules in mucosal inflammation, genetic disease, cytokine/neutrophil function assays, DNA sequencing, library screening, PCR, PCR sequencing, RACE, Northern blot, DNA diagnostics, teaching; Avail. August 1992; Research in academia/industry; Salary negot. 6-2641

Ph.D., 1986; Medical microbiology, mucosal immunology; Gnotobiotics, in vivo models of inflammation, in vitro phagocytosis, tissue culture, molecular genetics, statistical, computer literate, four years teaching experience, FACS technology; Avail. July 1992; Research/teaching; South middle or eastern states: $40,000. 6-2642

Ph.D., 1992 (expected); Biochemistry; Retinoid metabolite studies using HPLC, protein overexpression in E. coli, FPLC, cDNA subcloning, PCR, DNA sequencing, Westerns, IEF, UV/VIS, fluorescence, tissue culture (serum free), enzyme kinetics; Avail. November 1992; Postdoc./entry level position in industry, marketing, technical sales. 2-2644

Ph.D., 1989; Pharmacology, immunopathology; Northern/Western blotting, PCR cloning and protein expression, developing ELISA protocols, TNP and IL-6 bioassays, cell culture, animal models of septic shock and atherosclerosis, incorporation of radiotracers into LDL, CETP assays; Avail. August 1992; Research in industry; Salary negot. 3-2645

Ph.D., 1992 (expected); Physiology, pharmacology; Stimulus-response coupling in VSM, intact microcirculation, isolated vessel segments, measurements of microvascular diameter, pressure, flow & muscle tension, statistics, cardiology, echocardiography, EKG, catheter; Avail. September 1992; Research in academia/industry; PR. 1-2646

Ph.D., 1988; Molecular biology, immunology; DNA sequencing and cloning, Southern/Northern blot analysis, DNA/RNA isolation, gel electrophoresis, PCR, restriction enzyme mapping, tissue culture, cell proliferation and cytotoxicity assays; Avail. July 1993. Research in industry/government/academia; Salary 2-2647

Ph.D., 1992 (expected); Biochemistry, immunology; Protein chemistry, protein purification, separation and analysis, HPLC, electrophoresis, tissue culture, cytotoxicity assays, ELISA, MAb production and separation, RIA, receptor binding assays, computational analysis; Avail. January 1993; Postdoc. (mutagenesis); Midwest, OH. 2-2649

Ph.D., 1993 (expected); Experimental pathology, cell biology, molecular biology; Tissue culture, biological assays of cell lines, in vitro chemical carcinogenesis and cytotoxicity assay, flow cytometry, DNA/RNA isolation, Southern/Northern analysis; Avail. May 1993; Postdoc. in academia/industry; Salary negot.; F1 visa. 4-2650

Ph.D., 1992 (expected); R.D.; Human nutrition, ketone metabolism, carnitine deficiency; Nutrition assessment, clinical nutrition, clinical and classroom teaching, animal surgery, HPLC, biochemical & enzyme assays, atomic absorption spectroscopy; Avail. September 1992; Teaching/postdoc. in academia/industry; 5-2651

Ph.D., 1992 (expected); Nutritional physiology; Nutrient and drug absorption, double perfusion, lymph cannulation, tail vein techniques in rats, cell cycle by flow cytometry, intestinal mucosal cell isolation, cholesterol and fatty acids by TLC, GC, animal surgery, statistics; Avail. July 1992; Postdoc. in academia/industry. 5-2652

Ph.D., 1971; Nutrition/physiology; Management of research, technical services and expert panels, interpretation of research, coordination of national programs with scientific/medical researchers; Avail. May 1992; Scientific issues/program management, technical services and research interpretation; Salary negot. 5-2653

Ph.D., 1983; Microbiology, immunology, molecular biology; Tissue culture, animal techniques, cloning, sequencing, Northern, PCR, in situ hybridization, immunoassays, animal models; Avail. June 1992; Research in academia/industry; Prefer San Diego; PR. 6-2656

Ph.D., 1992 (expected); Immunology, toxicology, microbiology; In vitro immunotoxicology testing, MAb production/purification/conjugation, ELISA (use and development), electrophoresis, Western blotting, tissue culture, HPLC, LC, TLC; Avail. January 1993; Postdoc. in academia; Worldwide; Salary negot. 6-2657

Ph.D., 1992 (expected); Cell biology, physiology, biochemistry; Protein chemistry & purification, electrophoresis, Ab production, immunoassays, Western/Northern blots, cell culture, molecular biology techniques, enzymatic assays, signal transduction, PLC, G-proteins, Ca++ flux; Avail. January 1993; Postdoc. in academia/industry; J1 visa. 7-2659

Ph.D., 1987; Cardiovascular physiology, pulmonary circulation; Lung injury prevention and reversal, measurement and evaluation of vasoactive mediators including cytokines, eicosanoids, cyclic nucleotides, analysis of electron-micrographs and light micrographs, isolation of leukocytes; Avail. July 1992; Research in academia/industry. 1-2662

Ph.D., 1989; Cardiovascular, cellular physiology; Membrane transport, hormone/ligand binding, tissue culture/cellular cloning, electrophoresis, transport/enzyme assays, membrane isolation/reconstitution, animal (micro) surgery, molecular cloning; Avail. July 1992; Research/postdoc. in academia/industry; Salary negot.; PR. 1-2665

Ph.D., 1988; Physiology; Hypertension, cardiac hypertrophy, ischemia, cardiac mechanics, hemodynamics, coronary angiogenesis, in vivo/in vitro studies, coronary morphometrics, image analysis, statistics, teaching physiology, pharmacology, histology; Avail. August 1992; Tenure-track teaching/research; Midwest preferred; Salary negot. 1-2666

Ph.D., 1983; Protein biochemistry, immunology; Solubilization, purification and characterization of enzymes/receptors, reconstitution and kinetic studies & receptor assay, SDS-PAGE, Western blotting. Ab production, affinity purification, RIA, animal surgery, tissue culture; Avail. August 1992; Research in academia/industry; PR. 2-2669
Ph.D., 1988; Protein biochemistry, enzymology; Protein purification and characterization, peptide antibody production, immunoassays, enzymatic assays, receptor binding studies, electrophoresis, Western blotting, chromatography including HPLC, spectrophotometric assays; Avail. May 1992; Research in industry/government; PR. 2-2671

Ph.D., 1979; Pharmacology, receptor pharmacology and cellular mechanisms in hypertension and diabetes mellitus; Mechanical responses in isolated tissue, DRC, receptor-binding assays, animal surgery, radioimmunoassay and enzyme assays; Avail. September 1992; Research/teaching in industry/academia; Salary negot. 3-2673

M.D., 1959; Pharmacology; Signal transduction in airway and vascular smooth muscle, neutrophils, mast cells, cAMP, cGMP, protein kinases, calcium mobilization, phosphodiesterases, phospholipases, receptor ligand binding, cell culture, HPLC, TLC, RIA, enzyme immunoassay; Avail. July 1992; Research in industry/academia; JI visa. 3-2674

Ph.D., 1987; Nutritional biochemistry, mineral nutrition, experimental nutrition; ICP, atomic absorption spectroscopy, mineral balance and bone homeostasis, GLP protocols, experimental design, SAS statistical analyses, radioisotopic tracers, tumor animal models; Avail. June 1992; Research; Salary negot. 5-2675

Ph.D., 1992 (expected); Human nutrition, public health nutrition, nutritional epidemiology; Nutritional survey, statistical analysis and computer, blood, urine, food sample analysis by HPLC, amino acid analyzer & spectrophotometer, human metabolic study; Avail. August 1992; Postdoc./research in academia/industry; F1 visa. 5-2676

Ph.D., 1992 (expected); Immunology, transplantation, molecular biology; Cytokines involved in cardiac allograft rejection, electrophoresis, Southern/Northern/Slot blotting, ELISA, immunohistochemistry, cytotoxicity and growth assays, tissue culture, animal surgery, photography; Avail. September 1992; Postdoc. in academia/industry. 6-2678

Ph.D., 1992 (expected); Cell biology, membrane transport, growth factors; Glucose transport development and kinetics in renal epithelial cell lines, modulation by epidermal growth factor, transport assays, tissue culture, Westerns, immunofluorescence, Northern, Southern, cDNA library screening; Avail. September 1992; Postdoc. in academia/industry. 7-2680

M.S., 1992 (expected); Pharmacology/toxicology; Neuropharmacology of ethanol in the development of tolerance, drug and metabolite analysis by HPLC-EC spectrophotometry, RIA, animal surgery, receptor binding assay, protein purification, electrophoresis, Western blotting, peptide mapping, statistics; Avail. August 1992; Research in industry; F1 visa. 8-2683

M.S., 1992; Cell biology; Electron microscopy, ultramicrotomy, histology, electrophoresis, hybridoma technique, cell culture, cell fusion/clone, MAb production, animal surgery, darkroom technique; Avail. May 1992; Research in academia/industry; Salary negot.; F1 visa. 8-2684

Ph.D., 1991; Immunology, cytokine biology, signal transduction; ELISA, RIA, radioimmunoprecipitation, gel electrophoresis, Western/Northern blotting, DNA transfections, in vitro/in vivo kinase assays, bioassays, in vivo tumor and toxicity models, cell separation, FACS; Avail. June 1992; Laboratory R&D industry/non-laboratory position. 6-2685

Ph.D., 1988; Cellular/molecular biology; Insulin resistance in hypertension, signal transduction, ion metabolism, enzyme kinetics, radioimmuno-, radioreceptor assays, protein isolation and purification, SDS-PAGE, Western blotting, TLC, cell culture; Avail. July 1992; Research in academia/industry; Salary negot.; PR. 2-2686

Ph.D., 1988; Analytical chemistry, immunology, protein chemistry; Protein purification and conjugation to fluorophores, SDS-PAGE, ELISA, RIA, chromatography, MAb production, tissue culture, laser-optical techniques (FPR, PFID, TPA), optics and microscopy, fluorimetry, computer programming; Avail. May 1992; Research in industry; H1 visa. 2-2687

Ph.D., 1990; Biochemistry, signal transduction, metabolic regulation; Tissue culture, protein purification, TLC, gel electrophoresis, analysis of metabolic intermediates, preparation of isolated hepatocytes, assay of protein kinase and phospholipase activities, protein phosphorylation in cells; Avail. July 1992; Research in industry. 6-2689

Ph.D., 1989; Enzymology, protein and lipid biochemistry, signal transduction; Protein purification, characterization, enzyme assay, kinetics, lipid extraction, identification, HPLC, GC, TLC, IRA, ELISA, electrophoresis, radioisotopes, statistics, computers; Avail. May 1992; Research in academia/industry; H1 visa. 2-2693

Ph.D., 1993 (expected); Immunology, molecular biology, animal science; Cloning, library construction, bovine leukocyte isolation, identification, membrane receptor characterization, antibody production, ELISA, flow cytometry, electrophoresis, cytokines; Avail. January 1993; Research; Salary negot.; PR. 6-2694

Ph.D., 1989; Physiology, cell membrane transport; Regulation of organic anion transport systems, renal proximal tubule cell membrane vesicle preparations, Ehrlich cells, localization of Na+/glucose transporter (renal, Northern, Western blotting), protein purification and electrophoresis; Avail. September 1992; Research. 1-2695

Ph.D., 1992 (expected); Tumor/cellular immunology; Tissue culture, cytokine assays, flow cytometry, cytokine bioassays, RNA isolation, gel electrophoresis, Northern blotting, monoclonal antibody production, animal handling/surgery, signal transduction, teaching experience; Avail. December 1992; Postdoc. in academia/industry. 6-2696

Ph.D., 1989; Nutritional biochemistry; Trace minerals, dietary interactions, antioxidative enzymes, hemostasis & thrombosis, experimental diets, oxidant stress, lipoprotein oxidation, oxygen radicals; Avail. January 1993; Research; H1 visa. 3-2697

Ph.D., 1975; Physiology; Metabolic suppression by hypothermic blood substitution, chronic cardiovascular & intracranial pressure monitoring, behavior, blood flow, microdialysis, CNS-cardiovascular control & pharmacology, management, teaching; Avail. July 1992; Research in academia/industry; Salary negot. 1-2698

Ph.D., 1992 (expected); Biochemistry, immunology, molecular biology; Cloning, cytokotoxicity assays, radioimmunoassay, enzyme immunoassay, immunoprecipitation, tissue culture, electrophoresis, Northern blotting, nuclear run-on, pulse-chase, RNA decay, enzyme activity assays; Avail. December 1992; Research in academia/industry. 2-2699

Ph.D., 1990; Nutrition, biochemistry, physiology; Vitamin A and carotenoid research in animals and humans, normal- and reversed-phase HPLC, clinical nutrition; Avail. August 1992; Faculty position in nutrition/nutritional biochemistry or postdoc. in cell and molecular biology. 6-2702

Ph.D., 1990; Cancer research, immunology; Tissue culture and in vivo, cellular invasion and metastasis, proteolytic enzymes, Northern/Southern, nuclear run-off, DNA antisense, DNA transfection, FACS, ELISA, immunostaining, interleukins (IFN, IL2, IL5, IL4); Avail. December 1992; Research in academia/industry; Washington, DC; H1 visa. 6-2703

Ph.D., 1992 (expected); Pharmacology/biochemistry; Signal transduction, receptor G protein interaction, cell culture, membranes, radioligand binding, receptor characterization, cardiovascular function, ECG, RIA, immunoprecipitation, chromatography, Western blotting, HPLC, molecular modelling; Avail. September 1992; Postdoc./research; J1 visa. 3-2704

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Nikon's Labophot-2 Comfort Microscope comes with a series of comfort options designed to make the clinical laboratory user happier, healthier, and more productive. The instrument was designed with special options that reduce back and neck strain and reduce the intensity of light without decreasing lamp voltage. Nikon Inc., 1300 Walt Whitman Rd., Melville, NY 11747-3064, USA.

Exalpha has developed an EIA kit for soluble human CD4, which is sensitive to 150 pg/ml. The kit contains a precoated strip-well immunoplate, so you can run partial plates. It offers recovery of greater than 90% from serum, plasma, urine, or tissue culture supernatants. Reproducibility is less than 10% intra- and inter assay C.V.s. Exalpha Corp., P.O. Box 1004, Boston, MA 02205-1004, USA.

Two new ultraviolet crosslinkers reduce (from hours to seconds) the time to crosslink DNA and RNA to membranes. The UVC-515 and UVC-508 Crosslinkers are designed to optimize the ultraviolet energy, while ensuring the DNA/membranes are consistently crosslinked. By an internal photo-feedback system with the microprocessor control, researchers control the UV energy level, exposure time, and intensity. Ultra-Lum, Inc., 217 E. Star of India Ln., Carson, CA 90746-1417, USA.

Varicella-zoster Virus IgM and Epstein Barr Virus VCA IgM ELISA test kits support the extensive line of infectious disease ELISA assays and provide one uniform procedure—a comprehensive color coding system, which uses 1 x 8 removable antigen coded strips and allows for multiple assays to be run in a single microwell plate. Accurate test results are obtained in just 70 min. Kabi Pharmacia Diagnostics, 350 Passaic Ave., Fairfield, NJ 07004, USA.

The ARX series of high-performance, high-resolution NMR spectrometers is based on the Aspect X-32™ industry standard UNIX computer (32-bit VME bus, Ethernet with TCP/IP and NFS, plus SCSI II disks, high-resolution graphics, and ultra-fast array processor), Mouse-driven operation with new menus and powerful icons, easy pulse-shaping software, automatic parameter optimization macros, and automated spinning of CP/MAS samples help make the ARX series a most productive system. Brucker Instruments, Inc., Manning Park, Billerica, MA 01821, USA.

The DF500FX in-line filtering system enables filtered dissolution samples to be easily taken at USP specified locations includes 120 high-efficiency, teflon filter pipettes with excellent chemical resistance and a 1.7mm diameter glass probe, which presents very low flow pattern disturbance and low pressure drop. The filter elements are outside the media, so there is no chance of disturbing the flow pattern in the vessels. Six teflon pipette holders securely hold the filter pipettes, and locate the pipette tips precisely where USP specifies. Integral dual O-ring seals prevent the entry of air into the system and permit replacement of the filter pipette quickly and easily. Instrutex International, Marketing Dept., RD1 Box 145B, Hoosick Falls, NY 12090, USA.

The Olympus OVM1000 Video Microscope System allows video observation of any object in direct contact with that object or position. The OVM1000 can be hand-held, clamped on a tripod, and mounted as part of a production line. Olympus Corp., Precision Instrument Division, 4 Nevada Dr., Lake Success, NY 11042, USA.

A multifunctional vial rack system allows laboratory technicians to pipet, crimp, or attach screw caps without removing vials from the rack. Made of chemically resistant, clear, PETG, the insert trays hold 25 vials, and are available in five sizes to accommodate 5, 7, 8, 12, and 15mm vials. The insert trays are sized to the HP 7673 automatic sampler tray quadrants, and can be engraved with logos. J. G. Finneran Associates, Inc., 3600 Reilly Ct., Vineland Industrial Pk., Vineland, NJ 08360, USA.

Two models of refrigerated high speed benchtop centrifuges—the MR18.12 with classical controls and the MR18.22 with microprocessor control—can accommodate tubes as small as 0.25ml or as large as 94ml and achieve a top speed of 17,300 RPM generating a maximum RCF of 20,100 xg. A true refrigeration system allows the user to maintain rotor chamber temperature below 4°C even at maximum speed, which eliminates the
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The probe designated the PHR-146 Micro pH Electrode is especially suited for biological assays in containers such as microtiter plates, culture tubes, cuvettes, micro test tubes, serum cups, and NMR tubes. Lazar Research Laboratories, Inc., 920 N. Formosa Ave., Los Angeles, CA, 90046, USA.

Napco® 6000 Series CO₂ incubators minimize media dehydration through an exclusive wet-jet airflow system that ensures higher relative humidity. Five-cubic-foot water-jacketed chambers provide generous space for culturing mammalian cells while occupying minimal floor or bench space. Single, dual vertical, and dual side-by-side chamber configurations are available in 120V and 220V models. Precision Scientific Inc., 3737 W. Cortland St., Chicago, IL 60647, USA.

need to centrifuge samples in a cold room.

Standard features on the MR18.12 include closed loop speed control for accurate stable runs, digital speed and temperature display, and automatic dynamic electronic braking for smooth braking with no sample resuspension. Jouan, Inc., 1101 B Industrial Dr., Winchester, VA 22601-1916, USA.

The 22 components of the Shimadzu LC-10A HPLC series, introduced in late fall 1991, now number 23 with the addition of the Shimadzu RF-10A spectrofluorometric detector. The LC-10A series, incorporating new technologies and engineering advancements such as all fiber optics to minimize electronic noise and speed communication, also boasts miniaturization advances that reduce all LC-10A components to a 10.25-inch footprint, the smallest in the industry. Shimadzu Scientific Instruments, Inc., 7102 Riverwood Dr., Columbia, MD 21046, USA.

Tropix Western-Light™ is a rapid and sensitive non-isotopic Western blotting system. Western-Light offers a unique combination of sensitivity, flexibility, and control over film exposure. Results are obtained in minutes with X-ray or instant film. Very fast film exposures can be obtained on nitrocellulose, PVDF, or nylon membranes, offering increased flexibility. Western-Light is available as a complete protein labeling and chemiluminescent detection system. Tropix, Inc., 47 Wiggins Ave., Bedford, MA 01730, USA.
Software

Europa Scientific Software Corp. (es²c) has specialized programs for molecular biology, scientific word-processing and publishing, specialized drawing tools for chemists and chemical engineers, presentation graphics for slides and posters, sophisticated molecular modeling, mathematical modeling, statistics and data analysis, scientific graphing and plotting, bibliography management, and translation software. Specialized scientific programs are augmented by commonly used programs for the PC and Macintosh, (Lotus 1-2-3, Cricket Graph, Microsoft Word, and Excel). Europa Scientific Software Corp., P.O. Box 1114, Hollis, NH 03049, USA.

HyperChem™, molecular modeling software allows users to build, analyze, and manipulate 3D molecular structures on desktop computers. HyperChem, which operates under the standard Microsoft Word, Windows™ graphical user interface, sets a new price/performance standard for molecular modeling systems, making this technology available to hundreds of thousands of potential users. Autodesk, Inc., 2320 Marinship Way, Sausalito, CA 94965, USA.

Advanced Graphics Software has available SlideWrite Plus for Windows™, technical presentation software for use with Microsoft Windows 3.0. It combines sophisticated drawing and text capabilities with advanced scientific graphing, curve fitting, data transformation, and statistical analysis capabilities. The software permits on-screen drawing, sizing, and text formatting. Scalable Nimbus-Q fonts (including Greek and math symbols) and vector format clip-art ensure integrity of both text and drawings regardless of the size of the output. Advanced Graphics Software, Inc., 5825 Avenida Encinas, Suite 105, Carlsbad, CA 92008, USA.

SpectraPHORESIS software for capillary electrophoresis control is available for other IBM-PC compatible computers. The software will run on the Spectra 386 computer, giving users greater flexibility in their choice of computers. Introduced originally in 1990 for operation on the IBM PS/2® computer, SpectraPHORESIS software is OS/2 based, controls the company's capillary electrophoresis instruments, and provides method control and data reduction for CE analysis. It provides graphic display of the data from the scanning-UV detector and displays key instrument parameters. Spectra-Physics Analytical, 45757 Northport Loop W., P.O. Box 5116, Fremont, CA 94537, USA.
"Castaloy," a 16-page, full-color catalog from Fisher Scientific, covers almost 100 clamps and supports for holding everything from fragile capillary tubes to large-scale cylinders and flasks in a laboratory setting. The clamps are corrosion and rust resistant. Fisher Scientific, 711 Forbes Ave., Pittsburgh, PA 15219, USA.

ALL is offering a comprehensive guide to performing luciferase assays, which are used to study transcription regulation and promoter activity. The guide covers basic protocols for the assay, ccel llyzing methods, chemical modifications to the assay, and possible variables that may affect the assay. It also discusses various types of luminometers and how to select the appropriate instrument for your particular assay conditions. Analytical Luminescence Laboratory, 11760 Sorrento Valley Rd., Suite E, San Diego, CA 92121, USA.

A 6-page color brochure from InterCon has the full range of Campspec- visible and UV/visible spectrophotometers. The complete product line includes low-cost manual and computer controlled wavelength scanning spectrophotometers. Instruments and accessories include manual and automatic multi-cell cuvette changers, a range of sippers, automatic sample changers, and thermostatted cell holders for kinetics. InterCon Inc., 1308 Parkland Ct., Champaign, IL 61821, USA.

The 170-page antibodies catalog from Accurate Chemical & Scientific Corp. has more than 9,000 listings and includes a complete line of cell separation media, from anti-lymphocytes to viruses fractionation in routine and research applications. Accurate Chemical & Scientific Corp., 300 Shames Dr., Westbury, NY 11590, USA.

Vector Laboratories' comprehensive and colorfully illustrated 16-page technical brochure features the VECTASTAIN® ABC family of products for immuno-histochemical staining, in situ hybridization, transfer blots, and enzyme immuno-assays. Vector Laboratories, Inc., 30 In gold Rd., Burlingame, CA 94010, USA.

Epifluorescent microscopy allows the direct observation and counting of viable and non-viable microorganisms in less than 30 min, compared with traditional culturing methods, which may require incubation of up to 72 h. Rapid Microbial Testing with Epifluorescent Microscopy describes practical methods of sample collection, sample staining, slide preparation, cell counting, and controls. Poretics Corporation, 111 Lindbergh Ave., Livermore, CA 94550-9520, USA.

A brochure from PE Nelson highlights Focal Point™, a chromatography results manager that connects to integrators and data systems from a variety of manufacturers, and automatically acquires their reports. Provides data consolidation, availability, and security for all chromatography laboratory results. The Perkin-Elmer Corp., 761 Main Ave., Norwalk, CT 06859-0310, USA.
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SciTech BOOK NEWS
Some People Just See a Rat. We See a Cure for Cancer.

Hopefully, sooner or later there will be a cure for cancer, a vaccine against AIDS and an effective treatment for Alzheimer’s.

And when these breakthroughs occur it will be thanks to the rats and other laboratory animals that are so vital to medical research.

Because, historically, no cure, no vaccine, no revolution in surgery was ever discovered without animal research.

Today, however, there is a movement afoot that would ban the use of laboratory animals in the war against disease.

This so-called “animal rights” movement believes that animals and humans are equal, and that “even if animal research resulted in a cure for AIDS, they would be against it.” In their war against biomedical research, the animal rights activists use disinformation, pressure tactics and active terrorism.

The notion that a rat and a child are equal is an obscenity to most Americans. The belief that research which can save the lives of millions of humans (and yes, even animals) should be paralyzed, is an outrage against all living creatures.

Americans for Medical Progress salutes the dedicated men and women working to conquer the illnesses that plague mankind.

Americans for Medical Progress exists to provide grassroots support for the scientists who are the front line in the war against disease.

More importantly, we’ve formed the Americans for Medical Progress Educational Foundation to spearhead the critical effort to educate American opinion leaders and citizens about the need for animal research. Because society cannot allow itself to be manipulated by a handful of zealots who would equate the life of a rat with that of a child.

You are invited to join the Americans for Medical Progress Educational Foundation. Your membership will send a clear and unequivocal message to caring people everywhere that human life and the quality of human life are the number one priority of every sane, sensitive and thinking individual.

For more information, or to become a member, please contact Americans for Medical Progress Educational Foundation at CRYSTAL SQUARE THREE • 1735 JEFFERSON DAVIS HWY • SUITE 907 • ARLINGTON VA 22202 • (703)486-1411
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