

Product News

from Amersham/Searle

AN IODINE-125 THAT ALWAYS IODINATES PROTEINS EFFICIENTLY.

Iodine-125, from Amersham/Searle, is the *highest quality* and the *most reliable* available for labelling of proteins, and will always efficiently iodinate proteins. Improvements in the production, isolation, and purification have produced this new high level of performance and new *lower prices*.

IODINE-125

Iodide, carrier free, in NaOH solution, pH8-11 free from reducing agent, contains <1% ¹²⁶I
80-140mCi/ml for protein iodination. Packaging: 'Microflex' vials.

1mCi	30
2mCi	35
5mCi	45

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for technical information and quotations for larger quantities

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Amersham/Searle

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An Activity of G. D. Searle & Co. and the Radiochemical Centre

2636 S. Clearbrook Drive/Arlington Heights, Illinois 60005
Telephone: 312-593-6300—Telex: 28-2452

Short-term
Pharmaceuticals R & D

PLANNING ASSISTANT

Growth position with innovative pharmaceuticals leader Sandoz-Wander for Planning Assistant capable of implementing and expediting critical events schedule.

Responsibilities will include: collecting, reviewing and keeping current medical data for schedules; assisting in the review and assembly of completed clinical data; following through on clinical studies in terms of data processing. Ideal candidate will possess 5 to 10 years experience administrating Pharmaceuticals R & D; MS in Pharmacology and/or Physiology; working knowledge of EDP.

Salary in the lower to mid teens; excellent benefits. Please send resume, stating earnings history, in full confidence, to Mr. Robert Clifton, Personnel Manager, Research & Development.



SANDOZ-WANDER, INC.

Route 10, East Hanover, N.J. 07936

Equal Opportunity in Action M/F



Digital Film Reader for easy and economical analysis

The Joyce Loebel Digital Scanning Microdensitometer will take the information captured on film and convert it into digital form for data processing. All operational controls are accessible at the front of the instrument. The size of the scanning window can be adjusted in one millimeter increments for both X and Y. The sampling lattice is switch selected.

The scanner quantitatively measures over two ranges of optical density 0-3 and 1-4, and records each density point on magnetic tape as an 8 bit binary number. This permits storage or packing of the information for computer processing at convenient and economical times. Magnetic recording offers the advantage of a large storage capacity and use of the complete facilities of data processing centers. If required, the scanner can be interfaced to operate directly on-line to a computer. Accessories for specialized or individual requirements are also available.

Simplicity of operation and minimum environmental limitations, combined with high speed and repeatability make Scandig applicable to a variety of studies such as aerial photography, quality control of optical parts, metallurgical analyses, integration of diffraction intensities, and analysis of color and false color photography.

For more information, contact **Joyce Loebel & Company**, South Avenue, Burlington, Massachusetts 01803, (617) 272-2000.



JOYCE LOEBL & COMPANY

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Personnel Placement

POSITIONS WANTED

Biochemist, 26, M.S. summer 1972. Interested in clinical and pharmaceutical chemistry. Physical biochemistry background with 2 years of clinical experience. Box 291, SCIENCE. X

Immunobiochemist, 39, desires research position: 6 years of postdoctoral experience in tumor immunology, isolation and characterization of human cancer associated antigens; raising of antisera and testing for specificity. Box 256, SCIENCE. X

Physicist, Ph.D. 1972. Light scatterer. Diverse experience in laser excited light scattering and fluorescence. Desires to apply background to environmentally related research. Available in September. Box 290, SCIENCE. X

Zoologist-Histologist-Anatomist-Electron Microscopist (transmission scanning) Ph.D. Desires senior teaching-research position where meaningful contributions can be made in both areas. Broad basic experience in all phases of teaching and research. Numerous publications. Box 292, SCIENCE. X

POSITIONS OPEN

Ph.D. MICROBIOLOGIST

Primary interest in research related to the infections of immunosuppressed patients. Multidisciplinary research group with well-equipped laboratories and 22-bed research unit. For further information contact **G. A. Andrews, M.D., Chairman, Medical Division, Oak Ridge Associated Universities, P.O. Box 117, Oak Ridge, Tennessee 37830.** "An Equal Opportunity Employer."

BIOCHEMIST-IMMUNOLOGIST—Seeking applicants with Ph.D. and postdoctoral experience in above fields for position as Assistant Professor. Competency in both biochemistry and immunology and interest in pursuing research in basic aspects of cell-cell interaction essential. Send résumé and three references to: **Dr. E. A. Nottmann, Biochemistry Department, University of California, Riverside, California 92502.**

AMINO ACID ANALYZER TECHNICIAN

A Bachelor's degree in Biology, Chemistry, or Biology/Chemistry and experience preferred. Expected to maintain machine and assist in planning experiments. If interested, please contact **New England Deaconess Hospital, Personnel Department, 185 Pilgrim Road, Boston, Mass. 02115** or call collect 617-734-7000, Ext. 2071.

NEW ENGLAND DEACONESS HOSPITAL

185 Pilgrim Road, Boston
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POSITIONS OPEN

CHEMIST/BIOCHEMIST

Academic-based Research Laboratory Group. Candidate to perform structural studies on biologically active peptides. Experience in one or more of the following areas required: Composition, sequence, synthesis, modification. Opportunity for university teaching and staff appointment. Send curriculum vitae and salary requirements. Box 285, SCIENCE

CURRICULUM SPECIALIST to develop and implement a laboratory curriculum for a modular audio-tutorial program in Anatomy and Physiology for the training of Medical Laboratory Technicians, Dental Hygienists, Professional Nurses, Inhalation Therapists, and X-Ray Technicians. Must have significant experience with hardware and software. Twelve-month contract renewable. Salary competitive. Sent vitae to **Dr. W. B. Kittell, Associate Project Director, Hudson Valley Community College, Troy, N.Y. 12180.** AN EQUAL OPPORTUNITY EMPLOYER.

Director of Health Science to coordinate present degree programs in Nursing Education and Medical Technology; to establish other related programs: physical therapy, hospital administration and master's in human biology. Prefer M.D., D.P.H., Ph.D. in biology with organizational ability, good knowledge of health fields. Initial salary \$20,000 to \$30,000. Apply to **President, Saginaw Valley College, University Center, Michigan.**

UNIVERSITY OF CAPE TOWN

Lecturer in Physiology

Applications are invited from medical or science graduates for a Lectureship in Physiology, which falls vacant on 1 November 1972 in the Department of Physiology and Medical Biochemistry. Training and experience in neurophysiology will be an advantage.

The duties include systematic teaching of medical and science students and medical auxiliaries and supervision of laboratory classes. The timetable allows ample time for research.

The salary is on the scale R5700 × 300 to R8100 per annum, the appointment and initial salary depending on qualifications and experience.

Applicants should state age, qualifications, teaching experience, publications, and research interests and should indicate the date when they could assume duty. Applications, accompanied by a medical certificate and the names and addresses of two referees (preferably persons with recent knowledge of the applicant's academic qualifications and experience) whom the University may consult, should reach the **Registrar, University of Cape Town, Private Bag, Rondebosch, Cape Town, South Africa, by 28 July 1972.**

Further information about the Department and the conditions of service may be obtained from the Registrar.

PHARMACOLOGISTS

HEAD - PHARMACOLOGY (Ph.D.)

Expansion in areas of new drug evaluation has created need for individual to assume responsibility for developing research programs relating to cardiovascular disease, anti-asthmatics, CNS, anti-inflammatory and analgesic agents. Scientific preeminence in one of above areas with thorough knowledge of at least one other discipline at least 5 years' experience is preferred.

(3) JR. PHARMACOLOGISTS (Ph.D.)

Scientific expertise in any of the above areas could qualify you for an exciting opportunity to develop a research group in your chosen area of competence. 1-3 Years' experience.

BIOCHEMICAL PHARMACOLOGIST (Ph.D.)

Conduct basic studies to determine mechanism of absorption and biochemical pathways of metabolism of new drug substances. Experience in metabolism of nucleic acid derivatives useful. 1-3 Years' experience. Send resume to Mrs. C. Rae Hodges.

ICN Nucleic Acid Research Institute
2727 CAMPUS DRIVE
IRVINE, CALIF. 92664

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POSITIONS OPEN

Cardiovascular Research

Senior research position available in cardiovascular section for a Ph.D. in Pharmacology or Physiology. Two or more years graduate, postdoctoral or other research/training in the electrophysiology of cardiac conduction required.

Please send resume of your education, experience, and salary expectations to:

Professional Employment

Bristol Laboratories

Division of Bristol-Myers Company

P.O. Box 657 Syracuse, New York 13201

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POSITIONS OPEN

THE UNIVERSITY OF CHICAGO

A number of appointments are made each year to the faculty of The University of Chicago. The opportunity to make appointments is subject to overall budget levels for the University and other factors. While the requirements of particular academic units must be considered, the University does not, in general, have a fixed number of faculty positions in the various departments and schools or in the College, where appointments are usually joint with some graduate area. Departments and the Professional Schools, and the College, are therefore involved in a continuous search for candidates possessing those qualities of intellect and training which indicate a strong potential for academic distinction and who may be considered for appointment. The University welcomes applications from candidates who believe they can demonstrate these qualities. Applicants may write directly to a particular departmental chairman, or to the Deans of the Divisions (Humanities, Social Sciences, Physical Sciences, Biological Sciences), or to the Deans of the Professional Schools (Graduate School of Education, Divinity School, Graduate School of Business, Graduate Library School, Law School, The Pritzker School of Medicine, Social Service Administration), or to the Dean of the College, or may write to the Provost of the University who will see to it that the communication is forwarded to the appropriate area of the University.

POSITIONS OPEN

VETERINARY PATHOLOGIST

The Food and Drug Administration's new National Center for Toxicological Research, Pine Bluff, Arkansas, has immediate openings for the following positions:

ASSOCIATE DIRECTOR FOR PATHOLOGY. Directs all histopathology, clinical pathology, and related support service operations and pathological research endeavors of the center. One primary responsibility will be to conduct applied research, either in-house or through contract to develop techniques to allow as much automation in the pathology operation as possible. D. V. M. and Ph.D. in pathology are required, plus a strong history in animal histopathology including experience in managing a pathology research operation. Salary is \$29,673 to \$36,000.

SENIOR VETERINARY PATHOLOGIST. Supervises a group of parapatologists in preparation and staining of tissues and in examining tissues for abnormal changes. Conducts research in histo-chemistry. D. V. M. and M. S. or Ph.D. in Pathology. Strong background in animal histopathology necessary. Salary is \$25,583 to \$33,260.

VETERINARY PATHOLOGISTS (THREE POSITIONS). Assist senior pathologist in microscopic examination of tissues and in the conduct of histo-chemistry research. D. V. M. and M. S. Salary is \$15,866 to \$28,548.

Major relocation expenses to Pine Bluff, Arkansas, will be reimbursed. U.S. citizenship is required. Send résumé (transcripts and list of positions desirable) or Federal Application Form SF-171, to

Mr. Stephen Douglas
National Center for Toxicological Research
Jefferson, Arkansas 72079

FDA—Where Equal Opportunity is the Rule

GRADUATE STUDY

GRADUATE RESEARCH ASSISTANTSHIP

Available immediately in cardiovascular physiology. M.S. or 2 years of equivalent experience is necessary. Contact Dr. R. S. Jaenke, Department of Pathology, Colorado State University, Fort Collins, Colorado 80521. Or telephone (303) 491-6144.

FELLOWSHIP

FEMALE/MALE

POSTDOCTORAL FELLOWSHIP

Position in steroid chemistry at our Corporate Research Center in Bloomfield for a recently graduated Ph.D. chemist with training in Natural Products Research. The fellowship is for 1 year, renewable for a second year with mutual agreement.

For further information and consideration please direct a résumé of your qualifications to

Research Personnel
**SCHERING
CORPORATION**
60 Orange Street
Bloomfield, N.J. 07003



Applicants of all races are encouraged to apply.

THE FREE UNIVERSITY OF AMSTERDAM THE NETHERLANDS

Faculty of Science

The Department of Chemistry invites applications for the function of

Reader in Biochemistry

The Reader's duties will include teaching postgraduate students and leading a number of research projects.

Biochemists with a broad orientation in molecular biology are welcome to apply. Preference will be given to those who have experience in the field of biosynthesis of macromolecules.

The monthly salary will be in the range of Dfl. 3.400,- to Dfl. 4.900,-.

Since the University emanates from an evangelical though not churchbound association applicants are kindly requested to add some information on personal orientation in this aspect.

Application, including curriculum vitae, full details of qualifications and experience, references etc. should be addressed, before August 1st 1972, to Prof. Dr. R. J. Planta, Biochemisch Laboratorium V.U., De Boelelaan 1085, Amsterdam, The Netherlands.



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