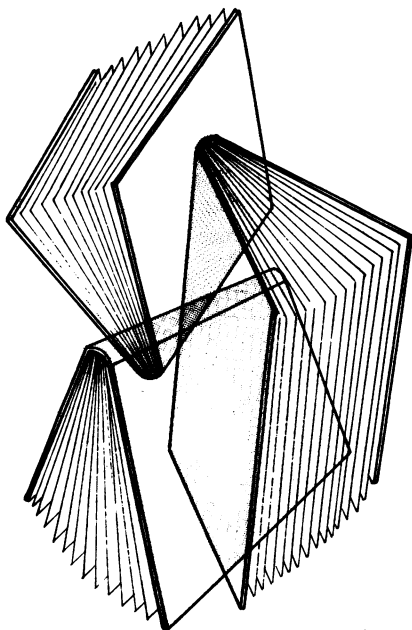


Symposia on—

DENTISTRY



BIOLOGY OF THE MOUTH

A collection of comprehensive, multi-disciplinary articles dealing with problems of the biology of the mouth and of oral diseases and also the borderlands where fundamental approaches and investigations in physics and chemistry relate to, and can be brought to bear on such problems.

Edited by Philip Person. 320 pages. Electron micrographs and other illustrations. Bibliography. Index. Retail price: \$10. ISBN 087168-089-0.

ENVIRONMENTAL VARIABLES IN ORAL DISEASE

Twenty-four distinguished scientists present the findings of their research on the role of environmental factors in oral disease. Geographical and clinical considerations; the oral environment-nutrition and dental caries; experimental considerations in oral soft lesions; prenatally occurring influences.

Edited by S. H. Kreshover and F. J. McClure. 328 pages. Illustrations. Bibliography. Index. Retail price: \$8.75. ISBN 087168-081-5.

MECHANISMS OF HARD TISSUE DESTRUCTION

Forty-nine outstanding scientists in the fields of dentistry, medicine and zoology participate in a multidisciplinary symposium on the destruction of mineralized structures by organisms and physical and chemical agents.

Edited by Reidar F. Sognaes. 776 pages. 430 illustrations. Bibliography. Indexes. Retail price: \$8.75. ISBN 087168-075-0.

Special price offer

All three volumes: \$24.95

When payment is sent with order: \$21.95

AAAS

AMERICAN ASSOCIATION for the
ADVANCEMENT OF SCIENCE
1515 Massachusetts Avenue, N.W.
Washington, D. C. 20005

Personnel Placement

POSITION WANTED: 40¢ per word, minimum charge \$10. Use of Box Number Counts as 10 additional words. Payment in advance is required. These rates apply to individuals only. Personnel agencies and companies take display rate for all advertising.

POSITIONS OPEN: \$110 per inch. No charge for Box Number. Rates net. No agency commission allowed for ads under 4 inches. No cash discount. Ads over 1 inch will be billed to the nearest half inch. Payment in advance is required except where satisfactory credit has been established. COPY for ads must reach SCIENCE 4 weeks before issue date (Friday of every week). Send copy for Personnel Placement advertising to:

SCIENCE, Room 211
1515 Massachusetts Ave., NW
Washington, D.C. 20005

Replies to blind ads should be addressed as follows:

Box (give number)
SCIENCE
1515 Massachusetts Ave., NW
Washington, D.C. 20005

POSITIONS WANTED

Bioengineer, 32, Ph.D. 1970, neural systems and electrophysiology background, modeling/experimental. Presently on university research staff. Seeks position in basic or applied research. Box 372, SCIENCE. X

Clinical Biochemist-Immunochemist, Ph.D. Seeking a research and/or teaching position. Experienced in most methods of protein-antibody isolation and characterization, instrumentation includes optical, electrophoretic, and autoanalyzer methods. Box 373, SCIENCE. X

Clinical Chemist, Ph.D.; 2 years of experience as head of chemistry section for large diagnostics division. Responsible for development, production and process engineering of clinical reagents. Chemical engineering background. Work closely with marketing/sales groups. Box 374, SCIENCE. X

Ecology, earth resources, M.S. mammalian ecology with 4 years' experience in remote sensing and environmental research. Box 375, SCIENCE. X

Electron Microscopist, Ph.D., experience in viral and chemical carcinogenesis, desires senior research position in a cancer research institution. Box 376, SCIENCE. 10/6

Geneticist, 36, Ph.D. (1965), postdoctoral in human genetics, 15 years' professional academic experience. Particular interest innovative undergraduate education. Desires academic position beginning fall 1973. Box 377, SCIENCE. 10/20, 11/10

Immunologist / Immunochemist / Microbiologist, Ph.D., Fellow-AAAM, certified-ABM, 58 publications, patents, extensive laboratory and project experience in basic and applied R & D, biomedical instrumentation, quality control, teaching. Will relocate. Desires applied or basic research, administration, teaching. Box 378, SCIENCE. X

Neurochemist Ph.D. CNS monoamines and psychoactive drugs. Fundamental/applied research with publications. Modest teaching experience. Seeks research/teaching position. Box 379, SCIENCE. X

Parasitologist, several years' experience in clinical diagnostics of aquaculture problems. Ph.D. in fisheries management. Seeks position in private industry or university. R & D or R & T. Box 380, SCIENCE. X

Applications are invited for an academic position (rank commensurate with record) in the area of **DEVELOPMENTAL BIOLOGY or ENDOCRINOLOGY** with a modern experimental approach from a structural point of view at the cellular or organismal level, to start preferably 1 January 1973. The successful candidate must demonstrate present high quality research and the promise of continuing along these lines. It would be necessary that he participate in the teaching of graduate and medical students in the anatomical sciences. A minimum of 2 years post-Ph.D. experience is necessary. Interested persons should send a current curriculum vitae, three letters of recommendation, and a statement of present and future research directions to: Dr. Philip H. Krutzsch, Department of Anatomy, Arizona Medical Center, University of Arizona, Tucson, Arizona 85724.

Assistant Professor—Ph.D. with specialization in ruminant nutrition. Teaching, research, and extension responsibilities in beef cattle nutrition. Starting salary \$11,855 to \$12,388; open 1 January 1973. Forward applications, including curriculum vitae, transcripts and names of three referees, by 15 November to Chairman, Department of Animal Science, Faculty of Agriculture and Forestry, The University of Alberta, Edmonton, Alberta T6G 2E3, Canada.

ASSISTANT DIRECTOR. Ph.D. in Nutrition/Biochemistry with experience in oral and written communication of Nutrition/Health-related information at varied levels of technicality required. Opportunity to develop, administer, and interpret an extramural research program for Midwestern Nutrition Education/Research organization as well as develop working relations with government, industry, and academic scientists/educators. Salary open. Write:

Executive Assistant
National Dairy Council
111 North Canal Street
Chicago, Illinois 60606

ASSISTANT PROFESSOR POSITION AVAILABLE

in the Department of Pathology of the University of Michigan Medical School for October or 1 November 1972. Individual to serve as director of new Central Ligand Assay Laboratory. Candidate must have doctorate or its equivalent in medically related field. Extensive experience with ligand assays and professional competency in immunology, biochemistry, and radioisotopic techniques are required. Previous administrative and supervisory experience desirable. Age, sex, race, religion, and ethnic origin immaterial. Send résumé to Box 371, SCIENCE.

BIOCHEMIST—Ph.D.

Interested in gel electrophoresis and other methods for determining the polymorphism of human blood proteins in laboratories of Serology and Genetics at the New York Blood Center. Opportunity for candidates with research aims. Salary dependent upon experience. Good fringe benefits.

Send résumé to Dr. Fred H. Allen, Jr., 310 East 67th St., New York, N.Y. 10021.

AN EQUAL OPPORTUNITY EMPLOYER

BIOPHYSICIST (CELL PHYSIOLOGY)—M.S. or Ph.D. degree in biophysics or cell physiology, with emphasis on biochemistry and physiology. Research experience with cell membranes highly desirable.

MICROBIOLOGIST (TISSUE CULTURE)—M.S. or Ph.D. degree in microbiology. Applicant should be able to conduct semi-independent research in the area of tissue culture. Some training or experience with virology and immunology desirable.

MICROBIOLOGIST (GENERAL)—M.S. degree with related course work in biochemistry and metabolism desirable. A good general background with varied experience helpful.

All positions offer opportunity for both basic and applied research in an exciting new field of investigation. Dr. Donald R. Bennett, Biomedical Research, Dow Corning Corporation, Midland, Michigan 48640.

An der Universität Karlsruhe (TH) im
Rahmen der Fakultät für Chemie ist
LEHRSTUHL FÜR THEORETISCHE CHEMIE
(H 4)

zu besetzen.
Die Fakultät wünscht, dass der zukünftige Lehrstuhlinhaber in der Lehre die Theoretische Chemie in ihrer ganzen Breite behandelt. In der Forschung sollte er moderne Fragestellungen und Methoden benutzen. Seine Forschungsarbeit könnte auf den Gebieten der Quantenchemie, der Statistik und der theoretischen Reaktionskinetik liegen.

Besonderer Wert wird auf eine Zusammenarbeit in Lehre und Forschung mit den übrigen Gebieten der Chemie gelegt.

Interessenten werden gebeten, ihre Bewerbungsunterlagen (Lebenslauf mit akademischem Werdegang, Schriftenverzeichnis, Angaben über die bisherige Lehrtätigkeit, Sonderdrucke bzw. Kopien neuerer Arbeiten) bis zum 30.11.1972 an den Dekan der Fakultät für Chemie der Universität Karlsruhe zu richten.