

for membrane studies
CMP Sialic Acid [^{14}C]

Cytidine 5'-monophosphate sialic acid
 [sialic-4,5,6,7,8,9- ^{14}C] NEC-619
 150-250mCi/mmole \$105/10 μCi \$360/50 μCi
 Ethanol:water, 7:3, in combi-vial in dry ice

Other compounds for cell-wall and membrane studies:

N-Acetylneuraminic acid [4- ^{14}C] NEC-615

45-55mCi/mmole \$105/10 μCi \$360/50 μCi
 Ethanol:water, 5:95, in combi-vial

L-Fucose [1- ^{14}C] NEC-602

40-55mCi/mmole \$90/50 μCi \$400/250 μCi
 Ethanol:water, 9:1, in combi-vial

L-Fucose [6- ^3H] NET-394

10-15Ci/mmole \$33/250 μCi \$75/1mCi \$225/5mCi
 Ethanol:water, 9:1, in combi-vial

D-Glucosamine hydrochloride [^{14}C (U)] NEC-500X

> 200mCi/mmole \$65/50 μCi \$300/250 μCi
 Ethanol:water, 7:3, in combi-vial

D-Glucosamine hydrochloride [6- ^3H (N)] NET-190

5-15Ci/mmole \$45/250 μCi \$110/1mCi \$330/5mCi
 Ethanol:water, 7:3, in combi-vial

NEN New England Nuclear

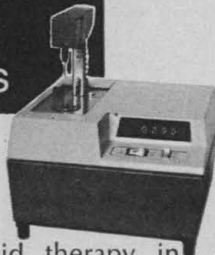
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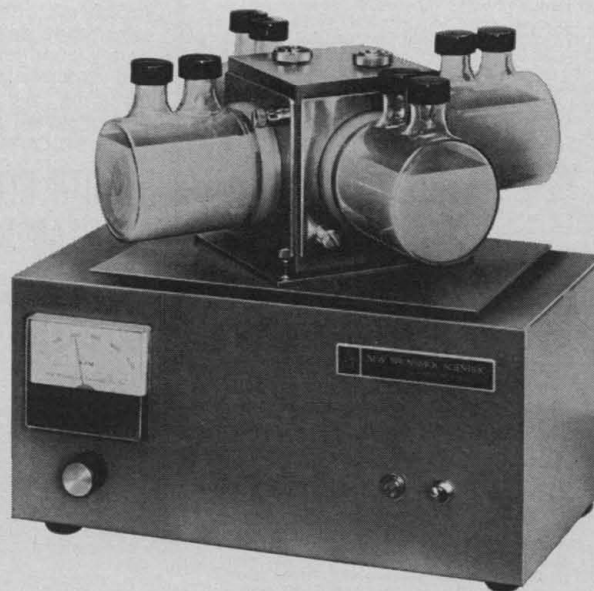
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Personnel Placement

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Environmentalist, Microbiologist, Writer/Editor. MSPH. Numerous publications. Orientation: natural resources, public health, foods, fisheries, ecology. Eligible for retirement from federal conservation agency; ready for second productive career. Box 366, SCIENCE. X

Microbiologist, Ph.D. Experienced with strong background in virology, pathogenic bacteriology, and germ-free animal research. Numerous publications. Teaching/research desired. Available spring 1973. Box 367, SCIENCE. X

Pharmacologist, Ph.D., 12 years' experience including animal research, clinical research and regulatory compliance, and biomedical writing. Box 354, SCIENCE. X

Pharmacologist, Ph.D. Recent graduate. Desires teaching-research position. Interests gastrointestinal, endocrine and autonomic nervous system. Box 368, SCIENCE. X

Ph.D. (Physics). Experience in research and teaching of Velikovsky's work. Would like to join organization interested in continuing these investigations. Box 12807, Fort Worth, Texas 76116.

Plant Ecologist, Ph.D., 1955; 23 years' teaching and research experience. Publications. Desires teaching or industrial research position. Box 369, SCIENCE. X

POSITIONS OPEN

AGRICULTURAL BIOCHEMIST

Faculty position with dual research title of comparable rank in the Agricultural Experiment Station. To teach chemistry and metabolism of nucleic acids and develop research program in plant proteins, nucleic acids, or virus metabolism at the cellular and subcellular level. Minimum of 3 years of postdoctoral experience with publication record demonstrating capacity for independent productive research. Rank and salary will be based on qualifications and experience.

Applications including curriculum vitae, names of three referees, list of publications, and a statement of research interest should be sent to **Dr. Mitchell G. Vavich, Head, Department of Agricultural Biochemistry, University of Arizona, Tucson, Arizona 85721.**

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THE CHEMISTRY INSTITUTE OF THE UNIVERSITY OF LOUVAIN (BELGIUM) is announcing a vacant chair in **Biochemistry.**

This position comprises the biochemistry research section, the biochemistry courses for first and second license in Chemistry and Zoology.

Persons wishing to apply for this position should request the special form, from the **Office of the Rector, Naamsestraat, 22, 3000 Louvain, Belgium (Tel. 016. 203 41 ext. 114).**

This form should be returned, duly completed and typewritten, before 31 October 1972.

Candidates without adequate background (doctor of philosophy or the equivalent, scientific publications, and so forth) will not be considered. Candidates should accept to teach in French.

In addition to the above-mentioned application form, research proposals should also be submitted.

THE CHEMISTRY INSTITUTE OF THE UNIVERSITY OF LOUVAIN (BELGIUM) is announcing a vacant chair in **Inorganic Chemistry.**

This position comprises the inorganic research section, the inorganic chemistry course for second license students in chemistry, the inorganic chemistry seminar (optional for first and second license students).

Persons wishing to apply for this position should request the special form, from the **Office of the Rector, Naamsestraat, 22, 3000 Louvain, Belgium (Tel. 016. 203 41 ext. 114).** This form should be returned duly completed and typewritten, before 31 October 1972.

Candidates without adequate background (doctor of philosophy or the equivalent, scientific publications, and so forth) will not be considered. Candidates should accept to teach in French.

In addition to the above-mentioned form, research proposals should also be submitted.

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

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Further information about the position and the School, together with details of application procedure, superannuation, travel and removal expenses, housing assistance and conditions of appointment, is available from the Registrar. All correspondence (marked confidential) should be addressed to **The Registrar, The University of Melbourne, Parkville, Victoria 3052, Australia.** Applications close on 1 November 1972.

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.

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Applications are invited for the position of **Assistant or Associate Professor**, effective 1 January 1973 or earlier. Duties will include teaching undergraduate and graduate courses as well as research. Candidates with a strong background in biochemistry preferred. Salary from \$10,000 depending on qualifications and rank. Send applications (before 31 October 1972) with curriculum vitae, and names of at least two referees, to:

Dr. Isamu Suzuki, Head Department of Microbiology University of Manitoba Winnipeg, Manitoba Canada, R3T 2N2

PHYSIOLOGIST

New York City Location

Recent Ph.D. or Ph.D./M.D. interested in mammalian research on localization and metabolism of radiochemicals. Experience with one or more animal systems and counting of tissue samples desirable.

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Candidates should have a familiarity with neurophysiological techniques and instrumentation. Familiarity and experience with neurochemical determinations is highly desirable.

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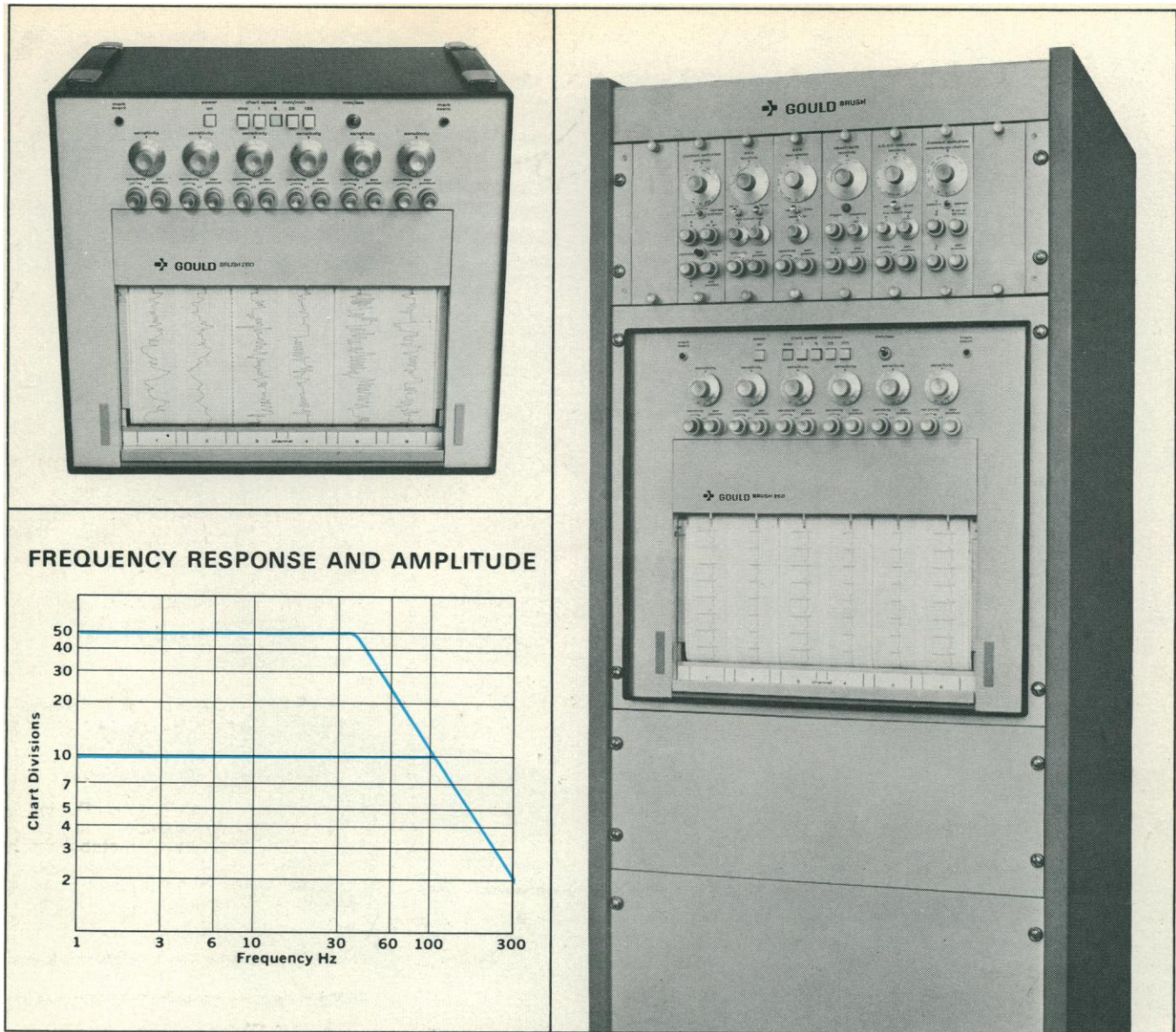
RESEARCH BIOCHEMIST

M.S. with 2 years of experience or postdoctoral background in tissue culture and chromatography preferred.

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