Marine Products
as possible sources of
Biologically Active Substance

from

☐ CLUPEA HARENGUS
Fish Heads • Milt • Roe • Skin (Frozen or Dried)
Herring Scales (Dried and Pulverized)

☐ OIL FREE FISH MEAL
(Solvent Extracted)

☐ SEA URTCHIN ROE

☐ ROCKWEED
(Ascophyllum Nodosum)
Dried at Low Temperature to Preserve Natural Pigments

The products listed above originate in the COLD WATERS
of the Bay of Fundy and are processed in our plant
at Eastport, Maine.

We are receptive to suggestions on custom treatment for
products listed, or other available marine products.

THE MEARL CORPORATION
Ossining, New York 10562
NEW BOOKS RECEIVED
(Continued from page 858)


Just leave it running—you may want to scan some electrophoresed gels (without even staining them), or fractionate a rotor full of gradient tubes, or scan amphotolyte and sample absorbance in an electro-focusing column, or read absorbance of individual samples in conventional cuvettes. Your ISCO is not just a column monitor—it is part of an integrated system, able to perform many functions in your lab with only a few accessories.

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Telex 48-6453

Circular No. 85 on Readers’ Service Card
NO LEMON GUARANTEE!

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For the first time ever—a digital pH meter that carries a “no lemon” guarantee! Orion is so confident that this pH meter will perform to your entire satisfaction, that if within twelve months of purchase the “601” should fail for any reason other than abuse, it will be replaced, at no charge, with a brand new meter.

Orion can offer a guarantee like this only because reliability is built in. The new electronic circuitry incorporates many simplifications from existing meters, with all active components 100% pretested (not batch sampled) before being used in production. The digital display design employed is new... the same that’s used in the cockpit instruments aboard the Boeing 747. The figures can be read at a glance up to 30 feet away.

Other features include an adjustable tilt base, buffer slope point control (pH 6.8) which allows you to adjust the slope of the meter on the pH buffer of your choice, an adjustable strip chart recorder output, combination pH electrode, and automatic temperature compensation capability. For a colorful circular, please write to us.

Ranges:

<table>
<thead>
<tr>
<th>pH</th>
<th>mv</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.00</td>
<td>13.99</td>
</tr>
<tr>
<td>-1999</td>
<td>+1999</td>
</tr>
</tbody>
</table>

Automatic sign indication, no polarity switching

Relative Accuracy: ±0.01 pH, ±1 mv or 0.1% of reading, whichever is greater

- H.5696X Model 601 Digital pH Meter with tilt base and combination electrode, for 115/230 volts, 50/60 Hz, 10 watts, each ........................................... $530.00
- H.5696-2X Model 601 Digital pH Meter with bumper feet and combination electrode, for 115/230 volts, 50/60 Hz, 10 watts, each ....................................... 495.00
The Forma Fury Glassware Washer. We loaded it.

With extras. See for yourself. Our brand new floor model is way out in front in terms of what you get for what you pay. Just like our other washers. Washer step. Check the Forma Fury before you buy.


Will California Fall into the Sea? Peter Briggs. McKay, New York, 1972. x, 244 pp. + plates, $6.95.


Mailing this coupon could save you $20,000

But nobody clips coupons.

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Our brochure (what you get for the coupon) proves how an automatic watering system for animals can cut 30% off animal care costs in most facilities. For the typical 5000 cage lab that comes to about $20,000. Every year.

And because these savings are proportional, Hardee equipment offers substantial cost reductions to any facility, large or small.

Our brochure also clearly explains why automatic watering is actually better for your animals. And as proof we'll list more than 500 labs across the country where it is working and working well. Quite a lot for the price of a stamp.

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Title: ____________________________

Firm: ____________________________

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division of medical corporation
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The Harris LoTemp model WRC is two microtome-cryostats in one. A single unit that can do both routine diagnostic procedures and some sophisticated research procedures as thin section light microscopy, autoradiography, fluorescence microscopy and other histological procedures, at a cost comparable to presently available routine cryostats.

The Harris model WRC is compact...can be moved anywhere it's needed. The cold chamber has extra room for tissue handling, storage or freeze drying. Full opening top with special access ports combines the features of a totally closed system with the easy accessibility of open top models.

Available equipped with Jung or International Equipment Corp. microtomes, or cryostat only prepared for installation of your present I.E.C. microtome. Installed stereo zoom microscope also available.

For a full description of the Harris WRC and its wide range of additional features write or call...
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"...there is no equivalent collection of the separate contributions of plant science, animal science, soil science, and agricultural engineering to the phenomenal increases in post-World War II agricultural productivity."—American Scientist, January-February 1972, p. 91.

Fifteen distinguished scientists conclude that new methods and techniques will make it possible to meet the food needs of the world's rapidly increasing population throughout the 21st century.

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Scientists from 14 countries assess the changing conditions, the potential for development and possible solutions to problems of development of arid regions in 15 countries around the world.

Aridity and high temperatures are dominant environmental factors for one-third of the world's land surface. Once looked upon as an easily exploited natural resource, the arid regions now are seen to need careful development if their great potential for mankind is to be realized.

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Send to Dept. P

UNIVERSITY OF WESTERN AUSTRALIA
Perth

Applications are invited for the following appointment:

ANATOMY

LECTURER or SENIOR LECTURER in the Department of Anatomy. Candidates should be trained in the general area of gross anatomy and preference will be given to those whose primary interest lies in neuroanatomy, but persons with other specialized interests will also be considered. The appointee will be expected to participate in the teaching of medical and science students at undergraduate and more advanced levels.

Academic salaries are at present under review. The current salary ranges are: Senior Lecturer—$4940-$51130 p.a.; Lecturer—$4607-$49286 p.a. Benefits include superannuation similar to FSU, fares to Perth for appointee and dependent family, removal allowance, study and long service leave, subsidized temporary accommodation and housing loan scheme.

Applications in duplicate stating full personal particulars, qualifications and experience should reach the Registrar, University of Western Australia, Nedlands, Western Australia 6009 by 16 December 1972. Candidates should request three referees to write immediately to the Registrar.

medical research

Due to a continuing program of expanding, our medical research capabilities at IIT Research Institute, we offer interesting growth opportunities in a variety of disciplines. As a member of our highly regarded independent contract research organization serving both government and industrial clients, your work and ideas will carry unusual impact.

medical microbiologist

Recent Ph.D. preferably with virology background, to participate in on-going research program in infectious diseases.

immunologist

Two or more years experience in immunologic and immunochemical methodology required to participate in on-going studies as well as initiate new research programs.

endocrinologist

Ph.D. with 2 or more years’ experience, preferably in endocrine-related tumors or reproductive physiology.

Compensation is more than competitive; comprehensive benefits; liberal vacation policy. For full and confidential consideration, please send your resume, with salary history and requirements, to J. Feske.

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An equal opportunity employer (m/f)
PULMONARY PHARMACOLOGIST

Our expanding research programs have created an opening in the Department of Pharmacology for a recent doctoral level graduate or someone with several years of postdoctoral research experience in pulmonary physiology or pharmacology. Applicants should have a familiarity with current techniques and instrumentation to conduct experimental pulmonary function studies for use in drug research. Training in immunology or immunopharmacology would be desirable.

Syntex is an international research pharmaceutical company located on the San Francisco Peninsula.

Please send your resume to Mr. Karl O. McCalla, Employment Manager, Syntex Research, 3401 Hillview Avenue, Palo Alto, California 94304. We are an equal opportunity employer.

NEW ZEALAND

UNIVERSITY OF CANTERBURY CHISTCHRUCH

CHAIR OF ELECTRICAL ENGINEERING

The Council of the University invites applications from highly qualified engineers with a strong interest in postgraduate studies for a Chair of Electrical Engineering which is the second chair established in the Department. The appointee will take up his position on 1 February 1973 or as soon as possible thereafter.

At present the salary for a Professor is within the range of $NZ11,658 to $NZ14,947 per annum. The commencing or subsequent salary of the appointee may be increased as a result of the review of individual professional salaries which the University makes at the beginning of each year.

Particulars, including information on travel and removal allowances, study leave, housing and superannuation may be obtained from the Secretary-General, Association of Commonwealth Universities (Appts), 36 Gordon Square, London WC1H OPF (Tel: 01-387-8572).

Applications close on 20 December 1972.

APPLICATIONS ARE INVITED for a position in the Department of Microbiology for a chemist with experience in microbial genetics and knowledge of experimental embryology. The appointee would have a research background in the area of mammalian genetics and knowledge of experimental embryology. The appointment would be at the senior level. Applications should be sent to Dr. R. Freier, Chairman, Department of Microbiology, University of Alabama, Cambridge, Massachusetts 02138.

Senior & Associate Scientists (Mutagenicity)

Senior Scientist to design and implement mutagenicity testing program; supervision and project reporting requires graduate training and experience in mammalian genetics and knowledge of experimental embryology. Associate Scientist to conduct mutagenicity experiments and participate in the design, evaluation and reporting of results requires BS degree and training in mammalian genetics and dominant lethal assay experience desirable. Modern laboratories in suburban location. Please send confidential resume to: C. Joseph Elder, Senior Employment Administrator

SK & F

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Small, rural, state liberal arts-teacher education college looking for an imaginative science-math division chairman who is committed to effective teaching. Duties would include half-time teaching in area of interest. Background in earth sciences or science education though consideration will be given to applicants in other areas, especially those who have teaching experience in programs. Equal opportunity employer. Send resume to: Jerome W. Knapczyk, Acting Chairman, Science-Math, Indiana State College, Johnstown, Vermont 05656.

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Vacant position in this general area at the level of assistant or associate professor. Postdoctoral experience expected. Have funds for starting research assistant; supervisory responsibilities at the assistant level. The Hughes, Professor and Head, Department of Physiology with Biological Sciences, Iowa City, Iowa 52240, enclosing curriculum vitae and bibliographical information.

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Faculty position at the assistant or associate professor level for a zoologist in the area of vertebrate behavior. This position requires both teaching and research. Send résumé and three references to: Chairman, Department of Biology

The University of Alabama
P.O. Box 1927, University, Alabama 35486

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Applications are invited for predoctoral fellowships and traineeships in a department of biochemistry with diverse interests. Inquiries to

Director of Graduate Studies
Department of Biochemistry
College of Medicine
University of Kentucky, Lexington, Ky. 40506

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To study enzymatic transmethylation and sulfaion reactions in the brain. Research institute affiliated with a southern university. $8500 to $9000.

Box 459, SCIENCE

GRADUATE STUDY IN IMMUNOLOGY, MICROBIOLOGY, ViroLOGY, AND MOLECULAR ONCOLOGY. A program leading to the Ph.D. degree involves advanced research training in the above specialties. Some predoctoral assistantships, USPHS and NIH postdoctoral fellowships will be available. Basic research and teaching in cancer research, drug metabolism, and viral carcinogenesis are the three main areas of concentration. Applications are invited from qualified candidates. Applications for fall or spring enrolment should be submitted to the Graduate Program, Department of Medicine, Box 459, University of California, San Francisco 94143.

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21 January to 2 February 1973
Northwestern University, Evanston, Illinois

An intensive 2-week residential program designed for postdoctoral level participants who have little or no research experience in electron microscopy but who wish to use it as a tool in their research. Emphasis is on practical laboratory aspects. For more information, write or call Dr. Morton Nathan, Director, Department of Biology, Northwestern University, 2145 S. Sheridan Avenue, Evanston, Illinois 60201; 312-462-6713.

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The Santa Catalina Marine Biological Laboratory is pleased to announce its 1973 Winter and Spring Programs to be offered at Santa Catalina Island:

3-23 Jan.: Oil Pollution and the Marine Environment

3 Jan.-6 Feb.: Marine Ecology

12 Feb.-17 Mar.: Marine Botany and Physiology

22 Mar.-25 Apr.: Marine Invertebrates, Zoology

30 Apr.-2 June: Developmental Biology of Marine Organisms

A distinguished faculty has been engaged for these courses, all of which are offered at the graduate level. Registration is through the University of Southern California and is available to advanced undergraduates, graduates, and postgraduates.

Supplementing our formal course work, INDEPENDENT or DIRECT RESEARCH may be pursued at any time of the year.

For additional information, write Dr. Russel L. Zimmerman, Santa Catalina Marine Biological Laboratory, P.O. Box 398, Avalon, California 90704, or telephone area code 213, Avalon 811 (operator's assistance is required).