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Laboratory Clamps

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Precision Scientific Company, 3737 W. Cortland St., Chicago, Ill. 60647.
Research Positions

PATHOLOGIST

The candidate being sought should have a D.V.M. or Ph.D. in Pathology and have board certification. The position of pathologist involves interaction with other members of a pathology team, particularly in the gross and histopathologic study of laboratory animals treated with a wide variety of therapeutic agents. Interest and experience in histopathology, differential diagnosis of induced and spontaneous lesions, animal surgery, clinical pathology and electron microscopy would be desirable. The ability to clearly assimilate and report data is essential.

PHARMACOLOGIST

To assume leadership responsibilities for several projects in autonomic/cardiovascular pharmacology. Candidate must have 5-10 years broad post-doctoral experience in either academic or industrial pharmacology. Academic training and practical experience should include a thorough working knowledge of autonomic and cardiovascular pharmacology.

The Sterling-Winthrop Research Institute is the research division of Sterling Drug Inc., employing about 650 people engaged in a very active research program. The Institute is located near Albany in the heart of New York State vacation land.

Salary open. Travel and moving expenses paid. Excellent employee benefits.

Write qualifications to Mr. C. E. Alford, Director of Personnel.

STERLING-WINTHROP RESEARCH INSTITUTE
RENSELAER, NEW YORK 12144
An Equal Opportunity Employer
POSITIONS WANTED

Cytologist, Ph.D. Publications. Research experience in general and molecular cyto-kinetic manipulations, mammalian and human cytogenetics, tissue culture. Seeks research position. Box 41, SCIENCE.

Embryologist, Descriptive and Experimental, Ph.D., seeks teaching position with research opportunities in college or university, preferably in central or north-central area. Box 41, SCIENCE.

Microbiologist, Ph.D., 14 years of research, development, and production. Work on hydrocarbon, enzymes, product formation, and experience in genetic, phage, and control problems. Desires research or production position. No geographical limitations. Box 41, SCIENCE.

Human Population Geneticist for senior position. Adapts methods to research on human biometry, genetics, etc. An so forth, to undergraduates, but requires good communication facilities. Write for summary. Box 41, SCIENCE.

U.S. ARMY MEDICAL RESEARCH AND DEVELOPMENT, ANTI-MALARIAL DRUG DEVELOPMENT CONTRACT PROGRAM

The U.S. Army Medical Research and Development Command is responsible for a coordinated research and development program for new anti-malarial drugs, both prophylactic and curative. Research contract support is given to qualified scientists upon recommendation of professional programs of the following types:

1) Chemical Syntheses of New Antimalarials
Based upon sound biological rationale, literature leads which could be exploited, or structure/activity relationship, potential anti-Diasectants are synthesized and screened in appropriate systems. Screening data are used to guide the syntheses.

2) Acute and subacute toxicity studies on candidate new drugs in experimental animals.
These include the objectives of establishing a safe drug dose level for candidate drugs in the pathobiology, toxicity, and clinical studies that predict these characteristics.

3) Absorption, distribution, biotransformation and excretion of candidate new drugs in experimental animals.
The objectives of these studies are to obtain pharmacokinetic and metabolic data for candidate drugs in experimental animals in order to predict the most efficacious treatment for clinical trials.

4) Experimental formulation of candidate drugs.
The objective of these studies is to prepare experimental formulations for providing a high bioavailability of candidate drugs from oral administration.

5) Development and utilization of in vivo and in vitro biological models for the testing of compounds.
These studies have the objective of developing more rapid, inexpensive, and reliable biological tests that are useful in preclinical and preliminary anti-malarial activity. Both screening tests and tests for preclinical evaluation of candidate drugs are needed.

The closing date for receipt of applications is May 21, 1972.

3/21

POSITIONS OPEN

THIRTY-YEAR-OLD PH.D. INVERTEBRATE BIOLOGIST WANTS TO JOIN \( \text{Ph.D. in Invertebrate Biology} \) with research experience in molluscan metabolism and effects on avian reproductive physiology has been directed at directing the development and execution of the biological aspects of \( \text{Ph.D. in Invertebrate Biology} \) for the past 30 years. Seeks a research or position commencing this summer or fall 1972. Box 41, SCIENCE.

Microbiologist, Ph.D., postdoctoral experience and publications. Seeks research position. Box 41, SCIENCE.


Minority Group Ph.D. Invertebrate zoology, marine ecology, physiology. Postdoctoral and teaching experience. Background, publications. Box 41, SCIENCE.

POSITIONS OPEN

RESEARCH MICROBIOLOGIST


FEELINGHSHIPS

NEW ZEALAND NATIONAL RESEARCH ADVISORY COUNCIL

RESEARCH FELLOWSHIP IN MYCOTOXIC DISEASE

Applications are invited from scientists interested in the biochemistry, microbiology, or pathology of mycotoxic diseases, particularly facial eczema. The toxin responsible for facial eczema is spomedin, a metabolite of the fungus Pithomyces chartarum which contaminates pastures under suitable weather conditions when the toxin is ingested by sheep and cattle.

Current research on facial eczema includes mechanism of action of fungicides, microbial ecology, biochemistry of toxic action of spomedin, detoxification mechanisms, evaluation of nutritional protection of animals against poisoning, and the development of immunochemical methods for protecting animals. The Fellow, who will work at Ruakura Agricultural Research Centre, will have the opportunity to work on other mycotoxic diseases currently being studied at the Centre. Good laboratory and field facilities are available for experimental pathology, microbiology, biochemistry, and animal nutrition.

Fellowships are normally for a period of 2 to 4 years with the right, by agreement, to remain at the end. The emolument will be up to $NZ 12,151 a year depending on scientific merit. The emolument is taxable.

All applications should be addressed to "The Director," Ruakura Animal Research Station, Private Bag, Hamilton, New Zealand.

UNIVERSITY OF CALGARY, Graduate Teaching and Research Assistantships are available for students proceeding to the Ph.D. or M.Sc. degree in Cell Biology and Biochemistry. The assistantships are valued from $3600 to $4600 per annum and carry remission of fees and a travel allowance. For further information write to: Dr. E. Tchelov-Roux, Department of Biology, University of Calgary, Calgary 44, Alberta, Canada.

MICROBIOLOGIST

WANTED for developed research on poultry forage and feedstuffs and experience in virology desirable. Salary open. Available immediately. Contact Dr. Hiram N. Lambr, President, Sierra Nevada University, Lake Millsboro, Del- ware 19964; Phone 302-534-9274.

M.D. OR PH.D. CANCER BIOLOGIST with knowledge of latest cell kinetic techniques needed to join cancer immunological research group. Salary negotiable depending upon qualifications. Reply with curriculum vitae to: Dr. J. A. Pay Be, Ph.D., Allegheny General Hospital, 320 East North Avenue, Pittsburgh, Pa. 15212.

GRADUATE STUDY

GRADUATE TRAINING IN BIOCHEMISTRY

Leading to Ph.D. degree available at a distinguished research institute, with tuition and fellowships available for qualified U.S. citizens. Apply early for September 1972 admissions. Write to Director, PhD. Graduate Division of State University of New York at Buffalo, 666 Elm Street, Buffalo, New York 14203.

GRADUATE STUDY IN PHARMACOLOGY

Ph.D. program in Pharmacology involving course work and research training which stresses research on fundamental mechanisms of drug action on nervous, neuro-humoral, membrane transport, and endocrine systems using electrophysiological, biochemical, and computer techniques. Full stipend and tuition paid to qualified U.S. citizens. Early applica- tion for September 1972 strongly advised. Department of Pharmacology, Schools of Med- ical Sciences, State University of New York at Buffalo, 122 Canv Hall, Buffalo, N.Y. 14214.

FELLOWSHIPS

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