**PERSONNEL PLACEMENT**

**POSITIONS WANTED**

Endocrinologist, Ph.D., 1956. Postdoctoral experience, background in physiology of reproduction, publications. Desires academic or research position with responsibilities in Midwest or East. Box 284, SCIENCE.

Mathematician, M.A. Later training: 13 years laboratory experience; physics, engineering problems, analysis, machine computation, statistics, research. Interested in research for civilian industry. Box 281, SCIENCE.

Microbiologist, Ph.D. Experienced; interested in biochemical analysis, cytotoxicology, pathobiology of microorganisms, metabolism. Publications. Box 282, SCIENCE.

Vertebrate Zoologist, research and teaching experience. Will teach wildlife management, conservation, general or vertebrate zoology. Full-time research considered. Box 283, SCIENCE.

Virologist, Bacteriologist, Ph.D.; 5 years of varied experience in research, development, and production of biological products. Primary interest veterinary vaccines. Presently in management position. Wishing to return to active research. Box 264, SCIENCE.

**POSITIONS OPEN**

Biochemist. Leading New York City biological manufacturing organization requires chemist fully experienced in producing bovine albumin suitable for RH testing. Excellent opportunity; good salary; permanent position. Box 273, SCIENCE.

Immunological Technician, full time; animal research experience, M.A. preferred. Allergy research position. Full benefits. P.U. Annual salary: $4,200. Write or call Dr. Bret Ratner, 50 East 78 Street, New York 10, N. Y.; BU 8-2182.

(a) Medical Director; important pharmaceutical company; duties include supervising clinical trials, B.S. or M.S. in East. (b) Assistant Supervising Biochemist, Ph.D., able administrator, capable of conducting productive investigatory program; important insurance company, East. (c) Scientists interested in endocrinology; new endocrinology laboratory, large research institution, large city, Midwest. (d) Physiologist-Biochemist; research involving metabolism of perfused isolated kidney; well-researched institution with full research library. (e) Medical Science Writer; duties include surveying literature for technical staff and promotional department, pharmaceutical company; man required; $7000-$10,000. S124 Medical Bureau, Burnside Lane, Chicago 900 North Michigan Avenue, Chicago.

**POSITIONS REQUIRING DEGREES IN MEDICAL OR SCIENCE**

(a) Physiologist; research associate trained in biochemistry; principal project metabolism of perfused isolated kidney, intermediary metabolism of human tissue; excellent opportunity for imaginative investigator to team; $6000-$7500. Research institute affiliated with well-known California teaching hospital, B.S. or M.S. and Bacteriologist (B.S. or M.S.); outstanding clinical laboratory position, medical school. (b) Biochemist; full time research appointment, studies in microbial metabolism, nutrition and physiology of retransformers, certain aspects of biochemical genetics; $5600 general hospital; $6200; South. (c) Pharmacologist, M.D.; full time research facility, well-known eastern pharmaceutical concern; $7500-$10,000; Box 274 Medical Personnel Bureau, 185 North Wabash, Chicago.

**EXPERIMENTAL DEVELOPMENT**

IMMEDIATE OPENING FOR Ph.D. in a biological science such as pharmacology, physiology, or biochemistry with 2 to 5 years' experience in pharmaceutical industry; or equivalent time in teaching or research in a medical school.

Excellent opportunity for one interested in expanding pharmaceutical industry in the East. Applicants should have flair for conceiving good ideas, knowledge of screening technique and familiarity with pharmacological activity of drugs.

IMMEDIATE OPENING FOR B.S. with background in biology or chemistry to serve as junior administrative assistant in coordinating scientific activities of exploratory research project. Industrial experience highly desirable but not essential.

Company benefit program provides broad coverage. Applicants should submit full information outlining education and experience. Position of desired salary. Address replies to: Box 265, SCIENCE.

Microbiologist, experimental. To participate in medical school research; need research activity and to pursue personal interests in virology and immunology; full time. Salary dependent on qualifications and experience. Box 280, SCIENCE.

Physiologist, Ph.D. in physiology with orientation in neurophysiology, some knowledge of clinical applications of electrophysiological agents preferred; 2 to 3 years teaching experience highly desirable. Team participation in the development of a new pharmaceutical agent for the treatment of mental illness. Eastern pharmaceutical manufacturer; liberal benefits. Send complete resume. Box 272, SCIENCE.

**SCIENCE WRITER**

Smith, Kline & French Laboratories, Philadelphia, is looking for a man—a college graduate—with good background plus writing ability. Job involves editing manuscripts on chemical and scientific topics, particularly new compounds, contacting physicians. To find out about this, send resume, including salary, to representative at the HOTEL STATLER (New York City) . . . during the 26-29 December AAAS meeting.

**EMPLOYMENT OPPORTUNITIES**

**ENDOCRINOLIGISTS**

Research division of established, expanding eastern pharmaceutical manufacturer has excellent opportunities in modern research activities for endocrinologists with experience and training in these areas:

A. Biochemical aspects of endocrinological research with particular emphasis on hormonal interrelationships and metabolic activity. 

B. Biological aspects involving the development of effective bioassays in different species of animals, and the determination of site and nature of action of drugs.

Candidates should have Ph.D. degree in biochemistry, some knowledge of pharmacology desirable, but not essential and preferably 2 or 3 years' experience in research. Will also consider outstanding recent graduate/Ph.D. Candidate. Excellent opportunity exists for one interested in expanding pharmaceutical industry in the East. Applicants should have flair for conceiving good ideas, knowledge of screening technique and familiarity with pharmacological activities of drugs.

Submit complete personal data including approximate salary requirement. Reply to: Box 267, SCIENCE.

**EXPLORATORY DEVELOPMENT**

**GRAANTS**

Fellowships for Graduate Training in Pharmacology providing waiver of tuition and an annual stipend of $1200 to $2000. Dept. of Pharmacology, University of Tennessee, Memphis, Tennessee.

**PROJECT CONSULTATION AND PRODUCTION SERVICES**

Project Consultation and Production Control Services in Biochemistry, Chemistry, Bacteriology, Toxicology—Insecticide Testing—Flavor Evaluation.

**BOOKS AND MAGAZINES**

WANTED TO PURCHASE... SCIENTIFIC PERIODICALS and BOOKS.

WALTER J. JOHNSON, INC. 111 Fifth Avenue, New York 3, New York

**THE MARKET PLACE**

Positions described on this double page represent a selection from the Classified Advertisements of 1264 SCIENCE, VOL. 124

**WISCONSIN ALUMNI RESEARCH FOUNDATION**

P. O. BOX 2727 • MADISON 1, WISCONSIN

Your sets and files of scientific journals are needed by our library and institutional customers. Please send us lists and description of your retired medical files you are willing to sell at high market prices. Write Dept. A, J. S. CANNER, Inc., Boston 19, Massachusetts
Our continuous efforts to maintain the superiority of the Holtzman strain of albino rats are centered on the environmental, nutritional, and breeding aspects. We submit that your published report may be more accurate if you state that the rats were procured from us. We believe they are better than those produced elsewhere.

Rte. 4, Box 205 Madison, Wis. Phone ALpine 6-5573
**SIGMA**

*still the leading producer of ATP and almost all the presently known NUCLEOTIDES*

---

For POLYNUCLEOTIDES and POLYMARS
---

be sure to use

SIGMA GRADE UDP CDP ADP GDP

---

For SULFHYDRYL inhibition
---

we suggest

p-CHLOROMERCURIPHENYL SULFONIC ACID
---

*more soluble than the Benzoate.*

---

**For studies of PHOSPHOLIPIDS — CYTIDINE DIPHOSPHATE CHOLINE**

Sigma Grade Crystalline
Isolated and crystallized in the Sigma laboratories for the first time anywhere

(Science 124 No. 3211 July 1956)

FALL 1956 CATALOG NOW BEING MAILED — be sure you receive your copy.

PHONE COLLECT:
DAN BROIDA, St. Louis, Missouri
Office: PROspect 1-5750 Home: WYdown 3-6418

---

**SIGMA CHEMICAL COMPANY**

3500 DeKalb STREET, ST. LOUIS 18, MO., U.S.A.

MANUFACTURERS OF THE FINEST BIOCHEMICALS AVAILABLE

---

**Clay-Adams**

141 East 25th Street • New York 10

Look for these familiar trade names—your assurance of quality

- Adams Centrifuges
- Yankee Rotators
- Gold Seal Slides and Cover Glasses
- Adams Laboratory Counters
- Counting Chambers
- Yankee Shakers
- Medichromes

---

**OTHER CHROMATOGRAPHY APPARATUS MANUFACTURED BY RS Co.**

- Round jar units... 10” and 12” diameter
- Re-rack units...
  - jars 6” diameter, tubes 4” diameter, etc.
- Chromatography cabinets • Sprayer • Electrodesalter

---

Ask for Catalog 1356-A

---

**DEPEND on Clay-Adams . . .**

The *preferred* source of supply for leading hospitals, laboratories and teaching institutions. Quality products through leading scientific dealers everywhere. Our 216-page catalog describes 1161 products.

---

**RESEARCH SPECIALTIES CO.**

2005 Hopkins Street • Berkeley 7, California

---

**SIGMA**

*(still the leading producer of ATP and almost all the presently known NUCLEOTIDES)*

---

For POLYNUCLEOTIDES and POLYMARS
---

*be sure to use*

**SIGMA GRADE UDP CDP ADP GDP**

---

For SULFHYDRYL inhibition
---

*we suggest*

p-CHLOROMERCURIPHENYL SULFONIC ACID
---

*more soluble than the Benzoate.*

---

**FALL 1956 CATALOG NOW BEING MAILED — be sure you receive your copy.**

PHONE COLLECT:
DAN BROIDA, St. Louis, Missouri
Office: PROspect 1-5750 Home: WYdown 3-6418

---

**SIGMA CHEMICAL COMPANY**

3500 DeKalb STREET, ST. LOUIS 18, MO., U.S.A.

MANUFACTURERS OF THE FINEST BIOCHEMICALS AVAILABLE

---

**Signs of other companies:**

- Clay-Adams
- Sigma

---

**Other text:**

- Depend on Clay-Adams...
- The preferred source of supply for leading hospitals, laboratories and teaching institutions.
- Quality products through leading scientific dealers everywhere. Our 216-page catalog describes 1161 products.

---

**SIGMA**

*(still the leading producer of ATP and almost all the presently known NUCLEOTIDES)*

---

For POLYNUCLEOTIDES and POLYMARS
---

*be sure to use*

**SIGMA GRADE UDP CDP ADP GDP**

---

For SULFHYDRYL inhibition
---

*we suggest*

p-CHLOROMERCURIPHENYL SULFONIC ACID
---

*more soluble than the Benzoate.*

---

**FALL 1956 CATALOG NOW BEING MAILED — be sure you receive your copy.**

PHONE COLLECT:
DAN BROIDA, St. Louis, Missouri
Office: PROspect 1-5750 Home: WYdown 3-6418

---

**SIGMA CHEMICAL COMPANY**

3500 DeKalb STREET, ST. LOUIS 18, MO., U.S.A.

MANUFACTURERS OF THE FINEST BIOCHEMICALS AVAILABLE

---

**Clay-Adams**

141 East 25th Street • New York 10

Look for these familiar trade names—your assurance of quality

- Adams Centrifuges
- Yankee Rotators
- Gold Seal Slides and Cover Glasses
- Adams Laboratory Counters
- Counting Chambers
- Yankee Shakers
- Medichromes

---

**OTHER CHROMATOGRAPHY APPARATUS MANUFACTURED BY RS Co.**

- Round jar units... 10” and 12” diameter
- Re-rack units...
  - jars 6” diameter, tubes 4” diameter, etc.
- Chromatography cabinets • Sprayer • Electrodesalter

---

Ask for Catalog 1356-A

---

**DEPEND on Clay-Adams . . .**

The *preferred* source of supply for leading hospitals, laboratories and teaching institutions.

Quality products through leading scientific dealers everywhere. Our 216-page catalog describes 1161 products.
The creative chemist seeks knowledge from which he—or others—can build new materials. Among the aims of the creative chemist are the design and synthesis of specific structures in which requirements such as strength, elasticity, heat resistance, and insulating properties are carefully balanced.

Man-made materials—particularly plastics—have come into their own during the past few years, and one of the chemists who have made key contributions is Dr. Murray M. Sprung of the General Electric Research Laboratory.

Dr. Sprung's studies of phenolics, vinyls, and other polymers have been reflected in greatly improved insulating materials for electrical equipment. His early and continuing work in silicones has helped in the creation of entirely new products which today are widely used both in industry and the home.

At General Electric, research is motivated by a belief that providing scientists with the tools, the incentives, and the freedom to seek out new knowledge is the first step toward progress for everyone.

Product progress through creative chemistry

General Electric's Dr. Murray M. Sprung designs polymers
Horizontal and vertical movements of this mechanically operated instrument are independent, but can be adjusted simultaneously. Adjustable ratio of movement enables micro knives, needles, pipettes, etc., to be kept within a field of 0.1 mm. Single and double needle holders are available. Positive control of micro-instruments, without backlash, drift, or thermal expansion assured.

A reputation for integrity and a tradition of service have led thousands of scientific workers to bring their optical problems to Leitz. If you have problems in this field, why not let us help you with them?

See your Leitz dealer and examine these Leitz instruments soon. Write for information.