

replicates. The flies in each group were fed *in vitro*, five days a week, on the respective diets and kept for 35 days, during which time the performance (survival, fecundity and offspring size) of flies fed the different diets was recorded.

**Results and discussion.** For each type of blood (bovine or porcine) the different diets were prepared from the same batch of blood to facilitate comparison and correlation of nutritional quality with the type of the diet. The results of the feeding tests, shown in the table, indicate no major differences in the nutritional quality of the different blood types. Oven-drying does not appear to diminish the nutritional quality of whole blood as a diet for *G. p. palpalis*; performance on oven-dried blood diets is similar to that obtained using fresh, frozen/thawed or freeze-dried blood preparations as diets for *G. p. palpalis*.

The low-temperature oven-dried blood product was readily soluble in water, the solubility being especially enhanced by drying the blood after diluting it with water. The oven-drying method reported in the present study requires neither expensive equipment nor sophisticated technology. It would

be ideal for preparing dried blood products, particularly in the context of mass-rearing of tsetse flies in a SIT program, for longer shelf-life and lower storage and transportation costs.

**Acknowledgments.** The authors thank Prof. R. Galun and Drs R. E. Gingrich and D. A. Lindquist for their helpful comments on the manuscript.

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0014-4754/88/090802-02\$1.50 + 0.20/0

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## Announcements

### Hildegard Doerenkamp and Gerhard Zbinden Foundation for Realistic Animal Protection in Scientific Research

#### Scientific Award 1988

A prize of DM 50000.– will be awarded for outstanding scientific contributions leading to the reduction of animal use in biomedical research. The specific topic for the year 1988 is: "Reduction of animal use in biomedical research by computer modelling."

Preference will be given to applications leading to a reduction of the use of large animals (dogs, cats, monkeys). Research in pharmacokinetics and drug metabolism is included in the topic.

The applications may consist of published or unpublished reports on computer use in all areas of biomedical research, provided that they are directly relevant to the topic of this year's prize.

Computer programs for simulation of animal experiments in teaching and research are also acceptable. No special application forms are required. The jury reserves the right to split the prize among not more than three applicants. Languages: English, German, French.

Deadline for submission is December 31, 1988. Applications should be sent to: Prof. G. Zbinden, Institute of Toxicology, Schorenstraße 16, CH-8603 Schwerzenbach/Switzerland.

#### Courses

In the series "Current Advances in Laboratory Techniques" The Royal Postgraduate Medical School of the University of London is organizing courses on the following topics:

Monoclonal Antibodies: 27 June–1 July and 21–25 November 1988; 26–30 June and 23–27 November 1989

Endocrine Pathology: 9–13 May 1988; 8–12 May 1989

*In vitro* Receptor Autoradiographic Techniques: 16–20 May 1988

Modern Immunocytochemistry: 10–14 October 1988

Immunocytochemistry in Cytopathology: Methods and Applications: 5–9 December 1988

Immunolabelling for Electron Microscopy: 9–20 January 1989

Molecular Biology: 17–21 April 1989

*In situ* Hybridisation: 24–28 April 1989

Details and application forms are available from: Professor Julia M. Polak, Histochemistry Unit, at the Royal Postgraduate Medical School, Hammersmith Hospital, Du Cane Road, London W12 0HS, England.

#### Friedrich Miescher-Award 1989

To commemorate the 100-year anniversary of the discovery of nucleic acids the Swiss Society for Biochemistry has created the Friedrich Miescher-Award. This prize is intended to honor young biochemists and is donated by the Friedrich Miescher-Institute of Ciba-Geigy Inc. in Basel.

Excerpts from the statutes:

- I. The Friedrich Miescher-Award may be awarded once every year to a young scientist for outstanding achievements in biochemistry.
- II. Preference will be given to candidates not older than 35 years. Only candidates who have not reached the age of 40 years on January 1st, 1989 are eligible.
- III. The scientific work must have been carried out in Switzerland or by Swiss scientists abroad.

Applications or nominations of candidates should be submitted by **November 1, 1988** to the secretary of the Swiss Society for Biochemistry:

Dr. L. Kühn, Swiss Institute for Experimental Cancer Research, 155, ch. des Boveresses, 1066 Epalinges s/Lausanne, Switzerland.

## Switzerland

### EUCHEM Conference on Stereochemistry

The 25th EUCHEM Conference on Stereochemistry, covering a wide range of topics in chemistry with emphasis on its interdisciplinary character in natural sciences, will be held at the Bürgenstock near Luzern, Switzerland, from April 30–May 6, 1989.

Inquiries and applications (no special forms are required) should be addressed before January 10, 1989, to the President: Professor Rolf Scheffold, Institute of Organic Chemistry, University of Bern, Freiestrasse 3, CH-3012 Bern, Switzerland.

## Monaco

### 3rd Interscience World Conference on Inflammation

Monte-Carlo, 15–18 March 1989

The conference will be focused on the most important progress made in the field of inflammation antirheumatic drugs, analgesics, antipyretics and immunomodulators.

Main topics: – New antirheumatics, analgesics and immunomodulators, – New frontiers in the treatment of rheumatism, – Management and development of future drugs for rheumatoid arthritis, – Immunotherapy, – Analgesics and pain control, – Drugs affecting cyclooxygenase and lipoxygenase products, – Inflammatory cells and cellular sig-

nals and secretions, – Experimental models and clinical trials for new drugs.

Round Tables and Satellite Symposia on special topics are also planned.

Information through the Scientific Secretariat of the Conference: Prof. A. Bertelli, Istituto di Farmacologia, Via Roma 55, I-56100 Pisa, Italy.

## Honors

We are very happy to announce that EXPERIENTIA Advisory Board Member Professor Thomas Eisner of Cornell University, Ithaca N.Y., was awarded the Karl Ritter von Frisch Medal at the 81st Congress of the German Zoological Society held in Bielefeld 23–28 May 1988.

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## Instructions to Authors

**Experientia** is a monthly journal for life sciences devoted to publishing articles which are interdisciplinary in character and which are of general scientific interest. Considered for publication will be hitherto unpublished papers that fall within the following categories:

**Reviews** (one-man and multi-author reviews)

**Mini-reviews** (1–2 printed pages)

**Full Papers**

**Short Communications** (1–2 printed pages, published within 3 months of acceptance)

Papers reporting on work that is preliminary in nature, or wherein animal experiments have been conducted without the appropriate anesthesia, will not be accepted.

Manuscripts (including all tables and figures) must be submitted in *triplicate* and must be in *English*. *Title pages* should bear the author's name and address (placed directly below the title), a brief *abstract* (of approximately 50 words for short communications) mentioning new results only, and a listing of *key words*. *Footnotes* must be avoided. *Tables*, and then *figures*, are to follow the body of the text and should be marked with self-explanatory captions and be identified with the author's name. All *data* should be expressed in units conforming to the *Système International* (SI). *Drawings* are to be on heavy bond paper and marked clearly in black. *Photographs* should be supplied as glossy positive prints. Please note that we use two different systems for citing references. 1. For *Review Articles*, references should be arranged alphabetically and be numbered. Within the text, literature should be referred to by number and, where indicated, by author. The references should contain full journal article titles and the first as well as the last page of the article cited. 2. For *Short Communications*, *Full Papers* and *Mini-reviews*, an abbreviated bibliography is requested and references should be listed chronologically. Please consult a current issue of *Experientia* or inquire at the editorial office for details on form.

Authors are requested to specify into which discipline their papers fall:

1. Anatomy, Physiology
2. Biochemistry and Biophysics
  - Metabolism
  - Neurobiology
  - Pharmacology
3. Endocrinology
4. Cellular Biology
  - Molecular Biology
  - Immunology
5. Genetics, Developmental Biology
6. Ethology, Ecology
  - Natural Product Chemistry

All incoming manuscripts are acknowledged immediately. Authors will be notified of the editorial board's publishing decision once their manuscripts have been evaluated by a minimum of two field experts. Fifty reprints of papers accepted for publication will be sent to authors free of charge; additional reprints may be ordered. Manuscripts and all communications to the editors should be addressed to:

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