

tic acid (1 part 85% lactic acid:1 part glacial acetic acid) at least twice and place a square cover glass over the gland. 7. Break the gland by tapping the coverglass several times with a needle, being careful not to move the coverslip; keep the slide untouched for 2-3 min to allow cytoplasm to destain in lacto-acetic acid. Squash with moderate pressure under VWR bibulous paper or Whatman filter paper; for mosquito salivary gland chromosomes squash with as least pressure as possible. 9. Seal the edges of the coverslip with Carter's rubber cement (The Carter's Ink Co., Cambridge, Mass. 02142, USA). 10. Store the slides in the refrigerator or a place with adequate (80%) humidity. Check slides at 3-month intervals to see whether edges are dried out; if so rub-off sealing cement, put a drop of lacto-acetic acid near the dry area on the slide, wait until the space is filled with the solution and reseal.

This method is now being used routinely in our laboratory to make long lasting temporary preparations of X; Y translocations of *Drosophila*. We found it is useful to retain preparations for comparison with new material or as additional questions arise. The clear background and banding details with ectopic pairing of 15-month-old preparations are still of high quality with no noticeable change.

- 1 The author wishes to express his appreciation to Dr John R. Merriam for invaluable suggestions throughout the course of this work and for his comments on the manuscript. The author also likes to thank Drs R. Barr and P. Guptavanij of UCLA Public Health for the supply of *Culex* larvae for chromosome preparations. This work was supported by US Public Health Service Research Grant No. AG-01871 to JRM.
- 2 Reprint request should be addressed to Zoological Survey of India, 34 Chittaranjan Avenue, Calcutta 700012, India.
- 3 Bridges, C. B., *J. Hered.* 26 (1935) 60.
- 4 Nicoletti, B., *Drosophila Inf. Serv.* 33 (1959) 181.
- 5 Mukherjee, A. S., *Nucleus* 9 (1966) 83.
- 6 Van Breugel, F. M. A., Ray Anima, and Gloor, H., *Genetica* 39 (1968) 165.
- 7 Yoon, J. S., Richardson, R. H., and Wheeler, M. R., *Experientia* 29 (1973) 639.
- 8 Mitchell, H. K., and Lipps, L. S., *Biochem. Genet.* 13 (1975) 585.
- 9 Ashburner, M., *R. ent. Soc. Lond. Symp.* 10 (1980) 65.
- 10 Marshak, A., *Drosophila Inf. Serv.* 6 (1936) 30.
- 11 Van Breugel, F. M. A., *Stain Technol.* 55 (1980) 50.

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## Announcements

### Prizes

The executive committee of the Swiss Chemical Society will announce the winners of the **Werner- and Paracelsus Prizes** at its spring conference in 1984. Nominations and applications for these prizes must be submitted to the jury by May 31st 1983. The address of the secretary to the Swiss Chemical Society is: O. Rohr, CIBA-GEIGY AG, R-1047.1.04, 4002 Basel.

This year's **Henry E. Sigerist Prize**, which is sponsored by the Swiss Historical Society for Medicine and Natural Sciences, will be awarded on the 14th and 15th of October in Delémont and Porrentruy. Students, doctoral candidates and research assistants at Swiss technical schools and universities wishing to compete are asked to submit their entries (dissertations or manuscripts published or completed in 1982) not later than May 13th 1983, to the president of the jury: Prof. Dr. med. Carl Haffter, Medizinhistorische Bibliothek, Klingelbergstrasse 23, CH-4031 Basel.

### Instructions to Authors

**Experientia** is a monthly journal of natural 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 one of four categories:

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

**Full Papers** (in-depth reports not exceeding 4-6 printed pages)

**Mini-reviews** (1-2 printed pages)

**Short Communications** (1-2 printed pages)

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) and a brief abstract (of approximately 50 words for short communications) mentioning new results only. References should be numbered consecutively and presented on a separate page. 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.

Authors are requested to specify under which section heading they would wish their communication to appear:

1. Chemistry, Physics, Biomathematics
2. Physiology, Pathophysiology
3. Biochemistry
4. Anatomy, Histology, Histochemistry
5. Pharmacology, Toxicology
6. Molecular Biology
7. Immunology
8. Cellular Biology
9. Genetics, Developmental Biology, Aging
10. Oncology
11. Endocrinology
12. Neurobiology, Behavior
13. Environment, Ecology
14. New methods and apparatus

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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