

variation for 4 rats under these conditions was 41.2%, considerably greater than that observed with the cloth restrainers.

In summary, the cloth rat restrainers represent an inexpensive and less stressful means of containing rats for assessment of analgesia by tail-flick latency. The results obtained through the use of this animal holder exhibit much less variability than those obtained in conjunction with the commercial plastic animal restrainers.

- 1 Supported by the Harry Botterell Foundation.
- 2 Madden, J., Akil, H., Patrick, R. L., and Barchas, J. D., *Nature* 265 (1977) 358.
- 3 Owen, J. A., Milne, B., Jhamandas, K., and Nakatsu, K., *J. pharmac. Meth.* 6 (1981) 33.

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Announcements

Italy

Courses

International School of Biophysics

14th course: Bioelectrochemistry II, membrane phenomena

Erice, Sicily, 5–15 November 1984

The course, sponsored by the BECS (Biological Energy Conversion Systems) Group, the Bioelectrochemical Society, the European Physical Society, the Italian National Research Council, the Sicilian Regional Government, and others, will have the following program:

Lectures. Structure and stability of membranes; their models; membrane lipids and proteins; breakdown and fusion – Transport of charged species through membranes; thermodynamics; mediated, nonmediated, active and passive transport; coupling mechanisms – Energy transduction; mitochondrial oxidative phosphorylation; chemiosmosis; photosynthesis – Effect of electric signals on membranes; basic electrophysiology; thermodynamics and conformational states; electric modulation of tissue growth and repair.

Seminars and round-table discussions. Interactions between external electric fields and membrane and membrane components.

Lecturers. H. Berg, Jena (GDR); M. Blank, New York (USA); R. S. Caplan, Rehovot (Israel); D. Chapman, London (UK); F. Conti, Camogli (Italy); J. de Gier, Utrecht (NL); D. Gräber, Berlin-West; E. Korenstein, Rehovot (Israel); P. Läuger, Konstanz (GFR); G. Lenaz, Bologna (Italy); B. A. Melandri, Bologna (Italy); I. R., Miller, Rehovot (Israel); E. Neumann, Bielefeld (GFR); A. A. Pilla, New York (USA); D. F. Wilson, Philadelphia (USA).

General information. Persons wishing to attend the course should write to Prof. G. Milazzo, Piazza G. Verdi 9, I-00198 Roma, Italy. They should specify: a) date and place of birth, together with their present nationality; b) degree and other academic qualifications; c) list of publications; d) present position and place of work; and include e) a letter of recommendation from their research group leader or from a professor of biophysics, physics, physiology or psychology.

Fees. Total fee including board and lodging is \$ 500. Partial support can be given to some deserving students. The request for such aid must be specified and justified in the application letter.

Closing date for application is 20 August 1984.

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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:

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

Manuscript (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* and *Full Papers*, 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*, 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 under which section heading they would wish their communication to appear:

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