

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.

Correction

Title, authors and address on p. 963 of EXPERIENTIA 40/9 were inadvertently misprinted. We apologize to the authors for this error. The correct heading should be:

Differential sensitivity of pinna reflex and oesophageal temperature to clonidine in mice depleted of central noradrenaline by DSP-4

J.C. Patterson and D.C. Dooley

Beecham Pharmaceuticals, Medicinal Research Centre, Coldharbour Road, The Pinnacles, Harlow, Essex CM195AD (England), 10 November 1983

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 three categories:

Reviews (one-man and multi-author reviews)

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.

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, 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:

1. Chemistry, Physics, Biomathematics
2. Physiology, Pathophysiology (animals)
3. Physiology, Pathophysiology (plants)
4. Biochemistry, Biophysics, Metabolism
5. Anatomy, Histology
6. Pharmacology, Toxicology
7. Molecular Biology, Molecular Genetics
8. Immunology
9. Cellular Biology
10. Genetics
11. Developmental Biology, Gerontology
12. Oncology
13. Endocrinology
14. Neurology, Behavior
15. Environment, Ecology, Taxonomy, Evolution
16. Experimental Pathology
17. Microbiology
18. Theory
19. 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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