

11TH INTERNATIONAL BIOPHYSICS CONGRESS

July 25-30, 1993
Budapest, Hungary



Organized by the Hungarian Biophysical Society, the Hungarian Academy of Sciences, and the International Union for Pure and Applied Biophysics.

Honorary President, J. Tigyi; President, L. Keszthelyi; Vice-President and Chairman of Program Committee, S. Damjanovich; Vice-President, S. Györgyi.

SCIENTIFIC PROGRAM

Macromolecular Biophysics
Supramolecular Structure and Function
Biological Membranes and Transmembrane Signalling
Biophysics of Nucleic Acids and Gene Expression
Bioenergy Production and Flow
Cellular Network Transduction and Sensing
Advanced Experimental Techniques

Opening lecture: M. Eigen (Germany)

Plenary lectures: J. Hajdu (U.K.), M. Karplus (U.S.A.), C. Miller (U.S.A.),
B. Sakmann (Germany), A. Yonath (Israel), A. C. Yoshizawa (Japan)

The Organizing Committee, in collaboration with experts of IUPAB, has invited leading researchers to organize topical symposia for summarizing the most recent developments and setting the shape of future progress in biophysics.

The Council of IUPAB has approved the organization of seven pre- and post-congress satellite meetings and summer-schools on various fields of biophysics.

For further information and request for Registration Bulletin and Call for Abstract, please contact:

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INSTRUCTIONS TO AUTHORS

1. *Quarterly Reviews of Biophysics* is the official journal of the International Union for Pure and Applied Biophysics. As such, its primary aim is to provide a forum for general and specialized communication between biophysicists working in different areas. This will normally be achieved by inviting authors who have made significant contributions to give a critical and readable account of recent progress in their special fields. Shorter and even controversial articles discussing topics of particular current interest will also be published. Suggestions for reviews can be made to the editors.

2. The style of presentation must be concise, with only key references.

3. Three copies of manuscripts are required. They should be typed in double spacing throughout, including the list of references, with a margin of 4 cm all round. The position of tables and illustrations should be indicated in the text. Tables and legends for illustrations should be typed on separate pages. A table of contents should be provided for printing at the head of the article. Chapter and section headings and the table of contents should conform to the style in any issue from volume 19 onwards.

4. In the text, the references should be to authors and year. When a paper cited has three or more authors the style Smith *et al.* (1973) should be used on all occasions. At the end of the paper, references should be listed alphabetically, with the full title of each paper, and the first and last pages. Abbreviations of journal titles should follow the *World List of Scientific Periodicals*. Authors should follow the example below for layout and punctuation:

BERNAL, J. D. (1967). *Origins of Life*. London: Weidenfeld and Nicolson.

EIGEN, M. (1968). New looks and outlooks on physical enzymology. *Q. Rev. Biophys.* **1**, 3–33.

SWENBERG, C. E. & GEACINTOV, N. E. (1973). Exciton interactions in organic solids. In *Organic Molecular Photophysics*, vol. 1 (ed. J. B. Birks), pp. 489–564. London: Wiley.

5. Drawings and photographs should be of the highest possible quality. The maximum size should be A4. Explanations should as far as possible be placed in the legends. Lettering for drawings and photographs should either be on a duplicate print or on an accurately registered overlay.

6. The author will receive only one set of page proofs for correction. Fifty reprints of each review will be provided free of charge. In the case of multiple authorship these proofs and offprints will be sent to the first-named author only. One hundred additional copies may be purchased if ordered at the time proofs are returned.

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FORTHCOMING REVIEWS

An Appreciation of Peter Läuger

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AND K. FENDLER

Charge transport of ion pumps on lipid bilayer
membranes

H. BETZ

Structure and function of inhibitory glycine receptors

J.-P. CHANGEUX, J.-L. GALZI, A. DEVILLERS-THIÉRY
AND D. BERTRAND

The functional architecture of the acetylcholine nicotinic
receptor explored by affinity labelling and site-directed
mutagenesis

S. B. HLADKY

Kinetic analysis of lipid soluble ions and carriers

M. B. PARTENSKII AND P. C. JORDAN

Theoretical perspectives on ion-channel electrostatics
continuum and microscopic approaches

H. VOGEL

Structure and dynamics of polypeptides and proteins in
lipid membranes

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