

2nd INTERNATIONAL SYMPOSIUM on
PYRIDINE NUCLEOTIDE-DEPENDENT DEHYDROGENASES

Konstanz, West Germany, 28 March - 1 April 1977

The Symposium, sponsored by FEBS, aims to cover the actual problems in the field. The emphasis will be on discussion. The lecturers' manuscripts will be sent to the participants before the meeting to make them familiar with the material to be discussed. The programme will be divided into five sections:

1. Primary Structure and Conformation. The relation between primary structure and conformation including X-ray analysis and evolutionary aspects.
2. Symmetry and Quaternary Structure. Problems of symmetry and quaternary structure, the role of functional groups, chemical modification and its influence on enzymatic and hydrodynamic properties. The lectures will be supplemented by a round-table discussion on the problem of half-of-the-sites reactivity and on functional evidence for or against symmetry.
3. Chemical Mechanism and Coenzyme Binding. The chemical mechanism of the reactions catalysed by pyridine nucleotide-dependent dehydrogenases and the characterization of the coenzyme binding sites.
4. Structure-Function Relationship. Problems of structure-function relationships including allosteric problems and X-ray structure analysis.
5. Kinetics and Regulation. The section will be introduced by a general lecture, and will be devoted to various aspects of the kinetics and regulation of the enzymic activity of a limited number of selected dehydrogenases of special interest.

Among the speakers will be Bernhard, Brändén, Dalziel, Eisenberg, Gutfreund, Harris, Holbrook, Jaenicke, Jörnvall, Rossmann, and Veeger.

For information, please write to: Professor Dr Horst Sund, Fachbereich Biologie, Universität Konstanz, Postfach 7733, D-7750 Konstanz/West Germany.

INTERNATIONAL SYMPOSIUM on MEMBRANE BIOENERGETICS

Island of Spetsai, Greece, 10-15 July 1977

The Symposium, organized by G.Papageorgiou (Athens, Chairman), A.Evangelopoulos (Athens), J.Georgatsos (Patras), L.Packer (Berkeley) and A.Trebst (Bochum), and sponsored by FEBS and IUB, will cover the following topics:

1. Membrane Structure and Topography; 2. Primary Processes in Photosynthesis; 3. Purple Membrane and Bacteriorhodopsin; 4. Non-heme One-electron Transfer Proteins; 5. Pathways of Electron Transport and Coupling; 6. Pathways of Photosynthetic Electron Transport and Phosphorylation; 7. Synthesis and Assembly of Energy Transducing Membranes; 8. Energy Transduction in Reconstituted Systems.

The Symposium is open to about 200 interested students and research workers from all countries. Applications, including a short curriculum vitae, should reach the Secretariat *not later than March 15, 1977*. The applicants will be informed before May 15, 1977 whether they have been accepted. A registration fee of \$40 will then be required.

Participants may present a poster or a short oral communication in areas related to the topics of the Symposium. Abstracts (300 words, IUB Congress format) should reach the Secretariat *before March 15, 1977*. The Organizing Committee will screen them for relevance and originality of content and will notify the contributors accordingly.

A limited number of *scholarships* will be awarded to younger scientists and students to cover partially travel and living expenses. Please apply as soon as possible to the Secretariat.

Location and accommodation. The Island of Spetsai lies about 90 km south of Athens, just off the eastern coast of Peloponnese. It can be reached directly by fast boat from the Port of Piraeus (2h), or by a combination of bus and ferry or airplane and ferry. Accommodation will be available at various hotels on the island or at the dormitory of the Corgiallenios School of Spetsai. The Symposium will be held at the Corgiallenios School of Spetsai.

For further information, please write to the Symposium Secretariat: Dr George C.Papageorgiou, NRC Democritos, Department of Biology, Aghia Paraskevi, Athens, Greece.
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