



11th FEBES MEETING, COPENHAGEN, 14-19 AUGUST 1977

The Danish Biochemical Society has the great pleasure of inviting all members of the Federation of European Biochemical Societies to participate in the 11th Meeting to be held at the premises of the Technical University of Denmark, Copenhagen, Lyngby, August 14-19, 1977

The following information is taken from the First Announcement. In the Symposia and Colloquia sections, the names are those of the Chairmen.

SCIENTIFIC PROGRAMME

It is the intention of the organizers to let the topics of each symposium be treated in one general session followed by series of half-day sessions, each covering a specified subtopic. This should permit a penetrating coverage including reports of recent research data in lectures and a selection of some of the poster-data exhibited at the meeting for a unifying discussion of the contemporary results and concepts within the subtopic of the symposium to which the posters belong.

It will also be a FEBES Meeting in the old-fashioned sense, comprising special lectures, poster presentations, workshops, and colloquia on the indicated topics.

SYMPOSIA

1 *Regulatory mechanisms of carbohydrate metabolism*

9 sessions - P.Randle, Oxford

Kinases and phosphatases; Secretion and receptor binding of hormones; Role of pyruvate; Gluconeogenesis; Ketogenesis; Glycogen metabolism.

2 *Gene expression*

6 sessions - 3 workshops - M.Grunberg-Manago, Paris; W.Zilling, Munich; F.H.C.Crick, Cambridge

Mechanism of protein biosynthesis; RNA biosynthesis; Structure and function of chromatin.

3 *Biochemical aspects of the utilization of new protein sources for human food*

9 sessions - A.A.Woodham, Aberdeen

Protein sources: vegetable proteins, animal and plant waste proteins, single cell protein; Protein food preparation: functional properties, enzymic modification, toxicological aspects; Methods of evaluation: nutritional properties; General session: a critical view on the protein issue.

4 *Membrane proteins*

14 sessions

Na⁺,K⁺ ATPase; Sarcoplasmic reticulum Ca⁺⁺;ATPase; Hormone receptors and cyclases; Electron transfer mechanism; Cytochrome c oxidase and cytochrome c; Proton-transferring systems.

5 *Regulation of enzyme activities in fatty acid metabolism*

5 sessions - R.Dils, Reading

Enzyme activity and turnover; Amount and composition of storage lipid; Fatty acid metabolism in membrane lipids.

6 *Regulatory proteolytic enzymes*

6 sessions - H.Neurath, Seattle

Structure-function relationship; Proteinases in reproduction; Proteinase-zymogens in plasma; Cellular proteinases; Tumor associated proteinases; Proteinase inhibitors.

COLLOQUIA

1 *Transport of organic compounds across animal cell membranes*

3 sessions - W.Wilbrandt, Bern

Transport models, kinetics, carrier systems; Energetics, coupling mechanisms, regulation.

2 *Models for the functional behaviour of metabolic systems and macromolecules*

3 sessions - S.Rapoport, Berlin; B.Hess, Dortmund; E.Stanley, Cambridge, Mass.

Glycolytic systems; Oscillating reactions; Hemoglobin.

3 *Cellular growth processes, growth factors and hormone control*

3 sessions - E.R.Froesch, Zürich

Fundamental cellular growth processes; Growth factors; Hormonal control.

4 *Applications of mass spectrometry in biochemistry and biology*

4 sessions – J.Sjövall, Stockholm

5 *Applications of nuclear magnetic resonance spectroscopy in biochemistry*

4 sessions – H.J.C.Berendsen, Groningen

6 *Functions of alternative terminal oxidases*

4 sessions – D.Lloyd, Cardiff

7 *Biochemistry of transport in bacteria*

2 sessions – W.Boos, Constance

Regulation of carbohydrate transport by *E.coli*;
Active transport in bacterial membrane vesicles.

8 *Cancerostatics and their cell-kinetic effect*

2 sessions – W.Willmans, Stuttgart

9 *Biosynthesis, structure and function of serum albumin*

3 sessions – T.Peters, New York

10 *Neurosecretory peptide hormones*

2 sessions – R.Guillemin, San Diego

11 *Teaching biochemistry to medical students*

2 sessions – H.Frunder, Jena

POSTER SECTION

The poster sessions will constitute the usual free short communications of recent research data. We shall encourage the presentation of experimental work related to the topics treated in symposia or colloquia. Some of the significant poster-exhibited work will be selected for a discussion within the half-day session allotted to the symposia/colloquia subtopic to which it belongs. The selection will be based on abstracts *submitted before March 1st, 1977.*

TECHNICAL EXHIBITION

Manufacturers of technical equipment and biochemicals will have the opportunity to present relevant information to the participants of the meeting.

We shall also encourage special sessions on technical and theoretical problems in the use of advanced equipment.

FURTHER INFORMATION

The Secretary-General
Professor P. Schambye
Institute of Biochemistry
Odense University
DK-5000 Odense
Denmark

Travel arrangements

DSBs Rejsebureau Lyngby Afd.
Att. Mr A. Palner
Jernbanepladsen 17
DK-2800 Kgs. Lyngby
Denmark

In order to reduce the cost of participation the Second Announcement will contain offers of group travel arrangements from a number of European cities and overnight accommodation in Copenhagen at reduced rates.

Copies of the First Announcement and Preliminary Registration Form may be obtained from the Secretary-General of the Meeting (address above).

In order to receive the Second Announcement and final registration form, completed Preliminary Registration Forms should be mailed to the Secretary-General before December 1st, 1976.