

FEBS NEWS

Executive Committee

Chairman: J.R.Villanueva (Spain).

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Secretary-General: H.R.V.Arnstein, Department of Biochemistry, King's College, Strand, London W.C.2, England

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The Federation

At the 9th Meeting of the Council of the Federation, held during the 6th FEBS Meeting in Madrid, The Greek Biochemical Society was admitted as a Constituent Society. The Federation therefore now includes 24 biochemical societies, totalling over 16,000 biochemists.

Publications

The Federation now publishes two journals, the *European Journal of Biochemistry* and *FEBS Letters*. Arrangements have been made for the serial publication of FEBS Symposia which will be available from Academic Press Inc. (London) Ltd. who will also distribute the Abstracts of FEBS Meetings.

Biochemical Societies of the Federation

The names given below are, mainly, those of the Secretaries of the Societies.

AUSTRIA (Österreichische Biochemische Gesellschaft)
Professor Dr. E.Kaiser, Medizinisch-Chemisches Institut der Universität, 1090 Wien, Währingerstrasse 10, Austria

BELGIUM (Société Belge de Biochimie – Belgische Vereniging voor Biochemie)
Professor R.Crokaert, 115 Boulevard de Waterloo, Bruxelles 1, Belgium

BULGARIA (Bulgarsko Biochimichno i Biophysichno drujestvo)
Dr. L.Lilov, Union of Scientific Workers of Bulgaria, Bulgarian Biochemical and Biophysical Society, Boulevard Tolbouchine 18, Sofia, Bulgaria

CZECHOSLOVAKIA (Ceskoslovenská Společnost biochemická při Čsl. AV)
Professor J.Hofejší, Institute of Hematology and Blood Transfusion, U.nemocnice 5, Prague 2, Czechoslovakia

DENMARK (Danish Biochemical Society)
Dr. J.Neuhaard, University Institute of Biological Chemistry, Ø.Farimagsgade 2A, DK-1353 København K, Denmark

FINLAND (Societas Biochemica, Biophysica et Microbiologica Fenniae)
Dr. Veli Kauppinen, Mannerheimintie 166, Helsinki 25, Finland

FRANCE (Société de Chimie Biologique)
Professor J.E.Courtois, Faculté de Pharmacie, 4 avenue de l'Observatoire, 75 Paris VIe, France

G.D.R. (Biochemische Gesellschaft der DDR)
Professor G.Richter, Institut für Mikrobiologie, Abteilung Biochemie, Humboldt Universität, 108 Berlin, Clara-Zetkin-Strasse 96, DDR

G.F.R. (Gesellschaft für Biologische Chemie)
Dr. H.Gibian, c/o Schering AG, 1 Berlin 65, Müllerstr. 170/172, Germany

GREAT BRITAIN (The Biochemical Society)
Professor K.S.Dodgson, c/o The Biochemical Society, 7 Warwick Court, Holborn, London W.C.1, England

GREECE (The Greek Biochemical Society)
Professor An.A.Christomanos, President, The Greek Biochemical Society, Athens (611), Lampsaku Street 2, Greece

HUNGARY (Magyar Biokémiai Társaság)
Professor B.Tankó, Simonyi út 4, Debrecen, Hungary

ISRAEL (Israel Biochemical Society)
Professor U.Z.Littauer, Biochemistry Division, The Weizmann Institute of Science, Rehovoth, P.O. Box 26, Israel

ITALY (Società Italiana di Biochimica)
Professor A.Bonsignore, Istituto di Chimica Biologica, Università di Genova, Viale Benedetto XV,1, 16132 Genova, Italy

THE NETHERLANDS (Nederlandse Vereniging voor Biochemie)
Dr. S.G.van den Bergh, Laboratorium voor Veterinaire Biochemie, Biltstraat 172, Utrecht, The Netherlands

NORWAY (Norsk Biokjemisk Selskap)

Dr. F.C.Gran, Institute for Nutrition Research, University of Oslo, Blindern, Oslo 3, Norway

POLAND (Polskie Towarzystwo Biochemiczne)

Professor K.Raczyńska-Bojanowska, Warszawa 40, ul. Freta 16, Poland

PORTUGAL (Sociedade Portuguesa de Bioquímica)

Professor Dr. S.F.Gomes da Costa, Instituto di Química Fisiológica, Hospital de Santa Maria, Lisboa, Portugal

RUMANIA (Commission of Biochemistry of the Academy of the Rumanian Socialist Republic)

Dr. S.Vasu, Academia Republicii Socialiste România, Comisia de Biochimie, Calea Victoriei 125, Bucuresti X, Rumania

SPAIN (Sociedad Española de Bioquímica)

Dr. C.Asensio, Centro de Investigaciones Biológicas, Velázquez, 144, Madrid-6, Spain

SWEDEN (Sveriges Biokemiska Förening)

Professor T.Laurent, Medicinsk-kemiska institutionen, Box 551, 751 22 Uppsala 1, Sweden

SWITZERLAND (Schweizerische Gesellschaft für Biochemie – Société Suisse de Biochimie)

Professor G.Semenza, Biochemisches Institut der Universität Zürich, 8032 Zürich, Zürichbergstrasse 4, Switzerland

USSR (All-Union Biochemical Society, USSR)

Professor W.L.Kretovich, A.N.Bach Institute of Biochemistry, USSR Academy of Science, Leninsky Prospekt 33, Moscow B-71, USSR

YUGOSLAVIA (Commission of Biochemistry of the Union of Chemical Societies of Yugoslavia)

Dr. E.Reiner, 19 Marulićev trg, Pošt. pret. 131, Zagreb 2, Yugoslavia

Details of Federation affairs and further information about its activities may be had from the Secretary-General (address above).

FEBS Summer Schools in 1969

Information about FEBS Summer Schools may be obtained from Professor P.N.Campbell, Department of Biochemistry, 9 Hyde Terrace, Leeds, LS2 9LS, England.

No. 10. Gas Chromatographic and Mass Spectrometric Techniques in Lipid Biochemistry, Stockholm, 9–13 June

This Summer School has been cancelled.

No. 11. Biosynthesis of RNA, Wilhelmshaven, 21 July–6 August

The Summer School is organized by H.G.Schweiger, W.

Zillig, and P.H.Hofschneider, and will be held at the Max-Planck-Institut für Zellbiologie, Wilhelmshaven.

Further information from Dr. H.G.Schweiger, Max-Planck-Institut für Zellbiologie, 2940 Wilhelmshaven, Anton-Dohrn-Weg, Germany.

No. 12. Plant Hormones – Metabolism and Interaction, Halle, 14–18 November

This Summer School is organized by the Institute of Plant Biochemistry, Halle, and the Biochemical Society of the G.D.R.

The following topics will be covered: Metabolism of plant hormones, especially of auxins, gibberellins, cytokinines, ethylene, and abscisic acid, their action and interaction in growth, differentiation, senescence, flowering, dormancy, and other plant physiological processes as well as their mode of action both at the cellular and molecular level. Special afternoon discussions will be devoted to modern methods for identification and structural elucidation of plant hormones.

It is the intention of the organizers that the lectures and informal but extensive discussions will serve not only to present an up-to-date survey of the present status of plant hormone research, but also to point out the gaps in our knowledge and, therefore, the areas for further investigation. Especial attention will be given to recent results and new ideas with regard to the mode of action and inter-relationships of the different types of plant hormones.

The language used will be English. The number of participants is expected to be about 60. Accommodation will be available in Halle for about \$10-15 per day including meals. In addition there will be a course fee of \$25.

Further information and application forms may be obtained from Professor K.Schreiber, Institut für Biochemie der Pflanzen, Deutsche Akademie der Wissenschaften zu Berlin, 401 Halle (Saale), Weinberg, German Democratic Republic.

No. 14. Methods of Sequencing Radioactive Nucleic Acids and the Separation of Nucleic Acids on Polyacrylamide Gels. Cambridge, England, 7–13 December

The course is designed for those who have already worked in the field of nucleic acids and who wish to gain first hand experience of these methods with a particular application in mind.

Applications, with information about the applicant's background, should be sent to Dr. G.G.Brownlee, M.R.C. Laboratory of Molecular Biology, Hills Road, Cambridge, CB2 2QH, England.

Other Summer Schools and Courses in 1969*The Fourth Advanced Study Institute of Molecular Biology, Spetsai, Greece, 6–19 July*

The theme of this school will be 'Nucleic Acid and Protein Interactions'. The Organizing Committee consists of F.H.C. Crick, A. Evangelopoulos, M.S. Bretscher and B.F.C.Clark. Further information from Dr. B.F.C. Clark, MRC Laboratory of Molecular Biology, Hills Road, Cambridge, England.

Conference on Molecular Biology, Chania, Crete, 13–26 July

To include 'Subcellular Structures and Their Functions: I, Ultrastructural Organization, Morphogenesis and Chemical Features of Intracellular Organelles; II, Chemistry and Organization of Membranes'; 'Molecular Genetics: Chemical Features of Transcription and Translation'; 'Macromolecules: I, Proteins and Enzymes; II, Glycoprotein and Lipoproteins'; 'Controls in Biological Systems: Molecular and Metabolic Regulations'. Further information from the International Centre for Advanced Studies, 52 Sfakion Street, Chania, Crete, Greece.

Zonal Centrifugation Course, London, from 14 July

The course will be up to five days in length and will include practical work and applications of computing. Information from Dr. E.Reid, Bioanalysis and Cancer Laboratory, University of Surrey Annex, 14 Falcon Road, London SW11.

NATO Advanced Study Institute on Pyridine Nucleotide-Dependent Dehydrogenases, Konstanz, 14–20 September

The topics to be covered are: General; Structure of Dehydrogenases; Alcohol Dehydrogenases; Glyceraldehyde 3-phosphate Dehydrogenases; Glutamate Dehydrogenase; Different Aspects of Reactions Catalyzed by Dehydrogenases; Pyridine Nucleotide-Dependent Flavin Enzymes; Metabolic Aspects. Information from Professor H.Sund, Universität Konstanz, Fachbereich Biologie, 775 Konstanz, Postfach 733, Germany.

1st Harden Conference: 'The Structure and Biological Role of Proteins', Wye College, Ashford, Kent, England, 14–19 September

The first of a series of annual residential research conferences organized by The Biochemical Society. Applications by 1st June and further information from the Executive Secretary, The Biochemical Society, 7 Warwick Court, London WC1, England.

WHO/UNESCO/ICRO Course on Some Molecular Aspects of Antigenicity and Immunoglobulins, Rehovot, Israel, 17–29 November

Information from Dr. M.Sela, Department of Chemical Pathology, The Weizmann Institute of Science, PO Box 26, Rehovot, Israel.

Meetings of Constituent Societies, 1969

Further information may be obtained from the Secretary of the appropriate Society (see list on preceding page).

10–13 June, Czechoslovakia: Brno

Joint Meeting with the Section of Clinical Chemistry of the Czechoslovak Medical Association. 5th National Meeting. Symposia on "Separation Methods; Molecular Genetics; Molecular Properties of Enzymes; Enzymes in Clinical Diagnostics; Lipids: Their Chemistry and Metabolism". Further information from: Sekretariat, 5. biochemický sjezd, Cancer Research Institute, Žlutý kopec 7, Brno, Czechoslovakia.

10–11 July, England: Oxford

Colloquium on "Interaction of Nuclear Macromolecules"; Lipid Group Colloquium on "Fatty Acid Transport"; Steroid Biochemistry Group Meeting on "Steroid Action on the Central Nervous System".

4–5 September, Northern Ireland: Belfast

Colloquium on "Recent Advances in the Study of Some Less Familiar Proteolytic Enzymes".

18–20 September, Poland: Wrocław

7th Annual Meeting; Symposium (in English) on "Peptidases".

25–26 September, Wales: Cardiff

Colloquium on "Lysosomes and Disease"; Steroid Biochemistry Group Symposium on "Hormonal Action at the Cellular Level".

28 September–1 October, G.D.R.: Berlin

Annual Meeting. Themes: "Extrachromosomal genetic systems; Influence of Nutrition on Enzyme-Activity; Molecular Biology of Antibodies; Reactivity of Functional Groups and Protein Structure; Biochemistry of Receptors".

7–10 October, Hungary: Budapest

Annual Meeting of the Hungarian Biochemical Society.

13–14 November, England: Warwick

Colloquium on "Biochemistry of Mitochondria"; Molecular Enzymology Group Meeting on some aspect of Flavoproteins or Dehydrogenases.

15–17 December, England: London

500th Meeting; Colloquium on "British Biochemistry, Past and Present"; Group Meetings on "Catabolism of Complex Lipids of the Brain", "Some Aspect of the Biochemistry of Immunoglobulins", "Mechanisms of Oxygen Absorption and Utilization", "Some Aspect of Oestrogen Metabolism"; Historical Exhibition; BDH (B.S.Hartley), CIBA (W.J.Whelan), and Colworth (P.B.Garland) Lectures.

17–19 December, Portugal: Oeiras (Lisbon)

3rd National Congress of Biochemistry; Symposia on "Biochemistry of Virology, of Radiations, Vegetal Biochemistry, Pathological Chemistry, and Clinical Chemistry". To be held at the Estação Agronómica Nacional, Oeiras. General Secretary: Professor S.F.Gomes da Costa, Inst. de Química Fisiológica, Fac. de Medicina, Hosp. de Santa Maria, Lisboa, Portugal.

International and Other Meetings, 1969*British Biophysical Society Meeting on 'Equilibria in Macromolecular Interactions', London, 20 June*

Information from Dr. E.M.Bradbury, Biophysics Laboratory, Department of Physics, College of Technology, Park Road, Portsmouth, Hants, England.

1st International Symposium on Cell Biology and Cytopharmacology, Venice, 7–11 July

Information from The Executive Secretaries, Department of Pharmacology and Therapeutics, 32 Via Vanvitelli, 20129 Milan, Italy

7th International Congress of Clinical Pathology, Montreal, 13–19 July

Information from VII International Congress of Clinical Pathology, PO Box 8, Station "G", Montreal 18, Canada.

4th International Pharmacological Congress, Basle, 14–18 July

Information from Pharmakologie-Kongress 1969, Postfach 30, 4000 Basle 4, Switzerland.

International Atomic Absorption Spectroscopy Conference, Sheffield, 14–18 July

Information from A.A.S. Conference Secretary, Society for Analytical Chemistry, 9/10 Saville Row, London W1, England.

International Symposium on Analytical Chemistry, Birmingham, UK, 21–25 July

General information from Mr. D.M.Peake, Research Department, Imperial Meat Industries Ltd., PO Box 216, Witton, Birmingham 6, England. Information on scientific programme from Dr. W.J.Stephen, Department of Chemistry, The University, PO Box 363, Birmingham 15, England.

International Symposium on 'Plasma Kinins', Florence, 23–25 July

Applications as soon as possible to Dr. D.Armstrong, Department of Pharmacology, Middlesex Hospital Medical School, Cleveland Street, London W1P 6DB, England.

8th International Congress on Nutrition, Prague, 28 August – 5 September

Information from Prof. Josef Masek, Institute of Human Nutrition, Budejovicka 800, Prague 4, Czechoslovakia, or from The Nutrition Society, Chandos House, 2 Queen Anne Street, London W.1, England.

3rd International Biophysics Congress (IUPAB), Cambridge, Mass., USA, 29 August – 3 September

Information from Dr. A.K.Solomon, Biophysical Laboratory, Harvard Medical School, Boston, Mass., USA.

2nd International Meeting of the International Society for Neurochemistry (ISN), Milan, 1–5 September

Symposia on 'Chemical Neuropathology; Biochemistry of Glial Cells; Receptors of the Central Nervous Systems; The Hypothalamus and the Control of Pituitary Function; Biochemical Pharmacology of Single Neurons; Cyclic AMP and Adenyl Cyclase in the Central Nervous System'. Full details and registration forms from Professor R.Paoletti, Institute of Pharmacology, University of Milan, Via Vanvitelli 32, 20129 Milan, Italy.

British Association for the Advancement of Science, Annual Meeting, Exeter, 3–10 September

The programme includes 'Proteins and peptides' (September 5) and 'The biology of peptides' (September 9). Information from the British Association for the Advancement of Science, 20 Great Smith Street, London S.W.1, England.

XIIIth International Conference on the Biochemistry of Lipids 'Structure and Metabolism of Glycolipids', Athens, 7–11 September

Information from Secretariat, University of Athens, Department of Clinical Therapeutics, Biochemical Laboratory, Alexandra Hospital, Vas Sophias and K.Lourou Street, Athens 611, Greece.

1969 Meetings of the Division of Biological Chemistry, American Chemical Society, New York, N.Y., USA, 7–12 September

Information from Dr. J.Schultz, 1155 N.W. 14th Street, Miami, Florida 33136, USA.

International Symposium on Conformational Analysis, Scope and Limitations, Brussels, 8–12 September

Organized under the auspices of the Société Chimique de Belgique, the Fédération des Industries Chimiques de Belgique, and the University of Brussels.

The programme will include 8 plenary lectures and 20 invited communications. Information from the General Secretary of the Symposium, 49 Square Marie-Louise, Bruxelles 4, Belgium.

24th Symposium on 'Development on Interrelations of Cell Organelles'. Society for Experimental Biology, London, 8–12 September

Information from Professor P.J.Syrett, Department of Botany, University College, Swansea, Glamorgan, Wales.

7th International Congress of Clinical Chemistry, Geneva/Evian, 8–13 September

Symposia on 'Diabetes; Metabolic Errors; Radioimmunoassays; Automation; Intestinal Absorption; Fluorimetry; Metabolism of Glycoproteins; Hyperlipemias; Enzyme Pathology of Red Blood Cells; Quality Control'.

Information from Dr. M.Roth, Laboratoire Centrale, Hôpital Cantonal, 1211 Geneva 4, Switzerland.

'Conformational Changes in Biopolymers', Isleworth, 12 September

A British Biophysical Society Physical Biochemistry Group Meeting. Information from Drs. M.M.Breuer and C.B.Baddiel, Unilever Research Laboratory, Isleworth, Middlesex, England.

International Symposium on 'The Germ-Free Animal as a Tool in Research', Belgium, 14–20 September

Information from Dr. H.Eyssen, The Rega Institute, Minderbroedersstraat 10, Leuven, Belgium.

Colloque Franco-Tchécoslovaque sur la Chimie et la Biochimie des Glucides, Château de Smolenice (près de Bratislava), 29 Septembre–3 Octobre

Pour toutes informations, s'adresser au Professeur J.E. Courtois, 4 avenue de l'Observatoire, 75 Paris 15, France.

'Photosynthesis', London, 17–18 December

A meeting of the British Biophysical Society. Information from Dr. D.A.Walker, Department of Botany, Imperial College, Prince Consort Road, London S.W.7, England.

Publications of FEBS Summer Schools

Computing Techniques in Biochemistry

An account of the FEBS Summer School held in Edinburgh, August – September 1968. Issued as a Supplement to FEBS Letters (Volume 2, 1969) at no charge to subscribers.

Contents: Foreword (J.H.Ottaway); Aims, Applications and Achievements, an Introductory Essay (J.G.Reich); Construction of Biochemical Computer Models (D.Garfinkel); Computer Simulation of Stochastic Processes Through Model-Sampling (Monte-Carlo) Techniques (C.W.Sheppard); The Numerical Solution of Stiff Differential Equations (G.J. Cooper); Steady States of General Multi-Enzyme Networks and Their Associated Properties. Computational Approaches (J.A.Burns); Observations on Programs to Estimate the Parameters of Enzyme Kinetics (W.R.Gardiner and J.H.Ottaway); A Survey of Non-Linear Optimization Techniques (W.H.Swann); Kinetic Modeling in Physiology (M.Berman); An Introduction to Hybrid Computers and Their Application to Optimization Problems (B.Girling); Some Experiences in the Estimation of Parameters in Non-Linear Differential Equations (J.G.P.Barnes). 71 pp. Available as a separate from North-Holland Publishing Company, PO Box 3489, Amsterdam-C, The Netherlands. Price: f 21.– (£2.7.0) including postage; remittance must be sent with order.

Practical Biochemistry in the Medical Course

A report of the FEBS Summer School, London, April 1968, 95 pp. Available from Professor P.N.Campbell, Department of Biochemistry, 9 Hyde Terrace, Leeds, LS2 9LS, England. Price: \$2.50 (£1.0.0) including postage. A remittance should, when possible, accompany orders.

Hospitality

The Hospitality Scheme exists for two main purposes:

(a) Visits by children of a member to a family of a member in another country as an exchange, au pair, or as a paying guest; and (b) The exchange of houses or apartments for a given period. In future the scheme will be organized on a bilateral basis. Members who wish to take advantage of this scheme in *Great Britain* should write to Dr. A.P.Mathias, Department of Biochemistry, University College, Gower Street, London W.C.1, England.

Notices about vacancies under this scheme will appear in the Agenda Papers of The Biochemical Society.

For vacancies in *Belgium* members should write to Professor E.Schram, Laboratory of Biochemistry, Faculty of Sciences, Paardenstraat 67, St.Genesius-Rode, Belgium; for *Bulgaria*, to Dr. L.Lilov, Secretary of the Bulgarian Biochemical and Biophysical Society, Union des Travailleurs Scientifiques de Bulgarie, Bd. Tolbouchine 18, Sofia, Bulgaria; for *France*, to Mlle J.Labat, Chargée des Recherches du CNRS, 4 rue Rollin, 75 Paris V, France; for the *German Democratic Republic*, to Professor G.Richter, Institut für Mikrobiologie, Abteilung Biochemie, Humboldt-Universität Berlin, X 108 Berlin, Clara-Zetkin-Strasse 96, D.D.R.; for the *German Federal Republic*, to Professor Dr. W.Staib, Physiologisch-chemisches Institut der Universität, 4 Düsseldorf, Witzelstrasse 111, Germany; for *Israel*, to Professor J.Birk, Faculty of Agriculture, Hebrew University, Rehovoth, Israel; for *Poland*, to Professor K.Raczyńska-Bojanowska, Polskie Towarzystwo Biochemiczne, Warszawa 40, ul. Freta 16, Poland; for *Spain*, to Dr. E. de la Morena, Departamento de Bioquímica, Instituto de Investigaciones Clínicas y Médicas, Pl. de Cristo Rey, Madrid-3, Spain; for *Switzerland*, to Mr. V.Colombo, Biochemisches Institut der Universität Zürich, Zürichbergstrasse 4, 8032 Zürich, Switzerland.

Unilever European Fellowships of the Biochemical Society 1970–1971

Two Fellowships of £1700 per annum will be awarded for the academic year 1970–71, as follows:

(a) One for research in biochemistry in a laboratory in continental Europe by a British citizen resident in Great Britain, and

(b) one for work in Britain by a European national.

Applicants should hold a Ph.D. degree or equivalent qualifications. The Fellowships are tenable for one year in the first instance and are available for work in any laboratory or institute in Britain or continental Europe, including Unilever research laboratories. Travelling expenses will be paid and financial assistance for attendance at meetings in Europe may also be provided.

Applications, which should include an outline of the proposed research work, a statement that the applicant can be accepted at the chosen place of work, a list of the applicant's publications, and the names and addresses of two referees, are now invited.

Application forms may be obtained from the Executive Secretary, The Biochemical Society, 7 Warwick Court, London W.C.1, England.

They should be returned not later than 31 December 1969.