

FEBS 10th MEETING

Paris, 20-25 July 1975

The FEBS 10th Meeting, organized by the Société de Chimie Biologique, will be held at the Centre Internationale de Paris (C.I.P.), Place de la Porte Maillot, Paris 17^e.

The following information is taken from the Second Announcement.

scientific information

SCIENTIFIC PROGRAMME

Plenary lectures

Opening session: The Sir Hans Krebs Lecture will be delivered by H.G.Wittmann, on "Structure and function of ribosomes".

Closing session: The closing lecture will be delivered by L.L.M.van Deenen, on "From monolayers to biomembranes".

Frontiers in Biochemistry

An evening session on 26 July at the Faculté de Médecine, 45 rue des Saints-Pères, Paris 6^e, which will include lectures by N.K.Jerne, on "Regulatory problems in the immune system", and by H.G.Hers, on "Inborn lysosomal diseases".

Symposia

S1 *Organization and Expression of the Eukaryotic Genome*

Genome organization; Transcription; Chromatin structure

Organizers: G.Bernardi, G.Biserte, P.Chambon
Speakers: H.Berendes, G.Bernardi, M.Birnsteil, M.Bradbury, P.Chambon, E.Davidson, I.Dawid, J.E.Edstrom, G.Georgiev, D.Hogness, R.Kornberg, K.Murray, F.Sherman, H.Zachau

S2 *Biochemical Mechanisms of Differentiation in Prokaryotes and Eukaryotes*

Genes controlling mechanisms in bacterial sporulation; Molecular events during early embryogenesis and somatic cell differentiation; Nuclear transplantation and cell hybridization studies; Mechanisms of cellular aggregation

Organizers: F.Gros, F.Jacob
Speakers: G.Gerisch, F.Jacob, R.Losick, D.Moscona, J.Paul, N.Ringertz, D.Yaffe

S3 *Organization and Expression of the Viral Genome*

Structure of viral genomes (animal and plant); Synthesis and processing of viral genome products; The control of the expression of viral and bacteriophage genomes (jointly with Symposium S4)

Organizers: F.Chapeville, L.Hirth, P.Kourilsky, R.Monier

Speakers: B.Allet, W.Fiers, R.F.Gesteland, M.Gottesman, A.L.Haenni, E.M.J.Jaspers, K.Miura, L.Philipson, J.Riman, A.Smith, F.W.Studier

S4 *Molecular Interactions in Genetic Translation* tRNAs and amino-acyl-tRNA synthetases: structure and interaction; Interactions of ribosomes with translation factors and antibiotics; Genetics and biochemistry of the expression of ribosomal protein genes; The control of the expression of viral and bacteriophage genomes (jointly with S3)

Organizers: M.Grunberg-Manago, J.P.Ebel, J.P.Waller
Speakers: A.Baiev, L.Bosch, B.F.C.Clark, R.F.Gesteland, M.Gottesman, B.S.Hartley, A.Klug, K.Marcker, K.Miura, N.Nomura, P.Schimmel, A.Smith, D.Vasquez

S5 *Enzymes*

Use of physical methods in the study of enzyme structure; Structure-function relationship; Mechanisms of enzyme action; Membrane enzymes (jointly with S6)

Organizers: P.Desnuelle, H.Buc, G.Cohen, J.Yon
Speakers: P.Douzou, M.Goldberg, W.Hasselbach, B.Hess, J.J.Holbrook, D.E.Koshland, G.K.Radda, E.Schweitzer, S.Shaltiel, L.Thelander, K.Wuttrich

S6 *Biological Membranes*

Membrane structure; Electron transport systems in biomembranes (jointly with S8); Membrane enzymes (jointly with S5); Neurospecific membrane proteins (jointly with S7)

Organizers: J.Montreuil, D.Gautheron, A.Kepes, V.Luzzati, P.Vignais

Speakers: A.R.Crofts, P.Desnuelle, P.F.Devaux, L.Ernster, E.Eylar, G.Gombos, W.Hasselbach, P.F.J.Henderson, A.Kepes, J.C.Metcalf, L.Montagnier, D.Oesterheld, E.Racker, H.U.Schairer, K.Simmons, V.P.Skulachev

S7 *Neurochemistry*

Cyclic nucleotides in the nervous system; New transmitters; Neurospecific proteins (jointly with S6)

Organizer: P.Mandel

Speakers: P.Calissano, J.P.Changeux, E.Costa, E.Eylar, G.Gombos, C.Goridis, P.Greengard, B.Hamprecht, A.Ljungdahl, E.Kvamme, I.Orosz, A.Van Nieuw Amerongen

S8 *Electron Transport Systems*

Electron transport in flavo- and metalloenzymes; Energy coupling in mitochondria and in chloroplasts (jointly with S6)

Organizers: A.M.Michelson, P.Joliot, F.Labeyrie
Speakers: E.Antonini, M.Avron, R.C.Bray, B.Chance, A.R.Crofts, L.Ernster, O.Hayaishi, J.Le Gall, V.Massey, D.Oesterheld, H.U.Schairer, P.Singer, V.P.Skulachev, F.Wilson

Colloquia

C1 Hormonal Receptors and Amplification Systems of Hormonal Effect

Organizers: S.Lissitzky, E.E.Baulieu, H.Clauser, F.Morel

Speakers: E.E.Baulieu, J.Bockaert, J.Rudinger

C2 Molecular Pharmacology: Comparative Mechanisms of Action of Mutagenic, Carcinogenic and Antitumoral Substances active on DNA

Organizer: C.Paoletti

Speakers: M.Daune, T.Kada, J.B.Le Pecq, W.E.G. Muller, M.Waring

C3 Thymus and T Cells Mediators

Organizer: S.Avrameas

Speakers: J.F.Bach, M.Feldman, A.Schimpf, M.J. Taussig, N.Trainin

C4 Molecular Aspects of Evolution

Organizers: P.Jolles, B.R.Jourdan

Speakers: L.A.Ball, R.J.Cedergren, R.F.Doolittle, N.Hiltschmann

Poster sessions

All free communications will be presented as posters. All subjects in Biochemistry will be considered, with special emphasis on:

1. The fields covered by the Symposia and Colloquia

2. The following general topics:

- P1 Structure of proteins and peptides
- P2 Structure and metabolism of complex lipids
- P3 Polysaccharides
- P4 Glycoproteins
- P5 Enzyme regulation
- P6 New aspects of intermediary metabolism
- P7 Biochemistry of human metabolic diseases
- P8 Comparative biochemistry
- P9 Plant hormones - Insect hormones
- P10 Steroids
- P11 Natural compounds
- P12 New techniques in biochemistry

3. The more precise fields of Round Table Discussions D1-D16 (see below).

The deadline for receipt of abstracts is 31 March.

Round Table Discussions

Full details of all Round Table Discussions will be given in the final programme. The following have already been planned, the names are those of the organizers:

- D1 Bioenergetics of Tomorrow. E.C.Slater
- D2 Molecular Approach to Transport across Membranes. E.Carafoli, E.Quagliariello
- D3 Polysaccharides and Glycoconjugates (Glycoproteins and glycolipids). J.E.Courtois, G.Spik

- D4 Structure and Function of Microtubules. D.Pantaloni
- D5 Sugar-Lectin Interactions. M.Monsigny, R.Bourrillon
- D6 Molecular Aspects concerning the Histocompatibility Antigens. J.Dausset, P.Jollès
- D7 Modulations of Receptors (Changes of receptors under certain conditions). M.Staehelin
- D8 Cobalt (III) Complexes in Enzymology. V.A.Jakovlev, H.Buc
- D9 Carbonic Anhydrases. Y.Derrien, G.Laurent
- D10 Evolution of Proteins. R.Acher
- D11 Have Acyl-CoA Esters a Regulatory Role in Cell Metabolism? J.Bremer, J.M.Tager
- D12 Molecular Pathology of Enzymatic Diseases. J.C.Dreyfus
- D13 Search of New Sites of Action of Cytostatic Agents. W.E.G.Muller
- D14 How do Nuclear and Mitochondrial Genes interact with each other? P.Borst, H.Küntzel, G.Schatz
- D15 Structure-Function Relationship in Ribosomes. C.Kurland, G.Stoffler
- D16 Biological Applications of Neutron Diffraction. B.Jacrot

general information

REGISTRATION AND PAYMENT

<u>Registration fee</u>	<u>Before 15.IV.75</u>	<u>After 15.IV.75</u>
Scientific participants	400 French Fr.	450 French Fr.
Scientific participants under 30 on 15.IV.75	250 French Fr.	450 French Fr.
Associate members	150 French Fr.	200 French Fr.

Payment should be sent to DARO-FEBS, 22, rue Royale, 75008 Paris, or transferred to DARO FEBS, Banque de Paris et des Pays-Bas, 41, avenue de l'Opéra, 75001 Paris (Account n° 8.129C) or to DARO, Postal account CCP, Paris 11.489.27.

General Secretariat

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Scientific Secretariat

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