

Announcements

Programme of European Research Conferences

The *Programme of European Research Conferences* is run by the European Science Foundation, in association with the European Physical Society, EUCHEM, the European Union of Societies of Experimental Biology and the European Union of Geosciences. Most of the conferences on the present list have received funding, or are recommended for funding, from the Human Capital and Mobility Programme of the European Community. It is expected that, for those conferences for which the level of funding is not yet fully settled, final information will be available in Spring. Each conference consists of a series of meetings, held typically every other year. There are neither written contributions nor proceedings. Unconventional ideas and new approaches, not yet fully explored, are encouraged. To provide fuller information about research conferences in Europe, this announcement also includes the Jacques Monod Conferences run by CNRS, the Philippe Laudat Conferences organised by INSERM and the EUROMECH Colloquia, organised by the European Mechanics Council.

Chemistry

Stereochemistry, W. Oppolzer (Geneva) – Bürgenstock, Switzerland, 2–8 May
Chemistry of Metals in Biological Systems, A. V. Xavier (Oeiras) – Albufeira-Algarve, Portugal, 4–9 June
Relativistic Effects in Heavy-Element Chemistry and Physics: Approximate Relativistic Methods in Electronic Structure Calculations, H. Stoll (Stuttgart) – De Haan, Belgium, 9–14 June
Chemistry and Physics of Matrix Isolated Species, M. Räsänen (Helsinki) – Helsinki, Finland, 17–22 July
Metal Clusters in Chemistry, P. Braunstein (Strasbourg) – Lagossini (near Athens), Greece, 28 August–2 September
Interfaces and Colloidal Systems, H. Wennerström (Lund) – York, UK, 3–8 September

Life Sciences

Biophysics of Cytoskeleton, P. M. Bayley (London) – Giens, France, 3–8 April
Protein Folding and Stability, M. Cortijo (Madrid) – Sitges, Spain, 3–8 April
Molecular Basis of Biological Membrane Protein Structure and Function, G. von Heijne (Huddinge) – Acquafredda di Maratea, Italy, 17–22 April
Molecular Neurobiology, A. Maelicke (Mainz) – Aghia Pelaghia, Crete, Greece, 23–28 April
Membrane Dynamics in Endocytosis, H. J. Geuse (Utrecht) – Il Ciocco (near Pisa), Italy, 8–13 May
Biology of Molecular Chaperones, R. Freedman (Canterbury) – Canterbury, UK, 14–19 September
Molecular Biology of Cellular Interactions, J. Williams (London) – San Feliu de Guixols, Spain, 23–28 October
Genetics and Structures of Animal Viruses, W. Doerfler (Köln) – Mont Ste Odile (near Strasbourg), France, 22–27 October

Biomedicine and Health

Mechanisms of DNA Repair, T. Lindhal (ICRF, London) – near Oslo, Norway, 22–27 June
Drugs and G Proteins, G. Milligan (Glasgow) – Il Ciocco (near Pisa), Italy, 18–23 September
Mechanisms in Toxicity, L. L. Smith (MRC Toxicology Unit, London) – Sitges, Spain, 13–18 November
Inherited Disorders and their Genes in Different European Populations, A. de la Chapelle (Helsinki) – Obernai, France, 26–30 November
Development of Sensory, Motor and Cognitive Capabilities in Early Infancy, F. Simion (Padova) – place open, dates open

Environment

Natural Waters and Water Technology, J.-M. Martin (Montrouge) – Acquafredda di Maratea, Italy, 20–25 November

Geosciences

Regional Patterns of Climate in Europe since the Last Glaciation, B. Frenzel (Stuttgart) – Bitche, France, 1–6 October

Oceanography

Ocean Forecasting, J. D. Woods (NERC, Swindon) – Acquafredda di Maratea, Italy, 22–27 April
Modelling and Prediction of Coastal Zones, J. Dronkers (Den Haag) and W. de Ruijter (Utrecht) – Port d'Albret, France, 19–24 June
Ice-Sheet-Climate Interaction, D. J. Drewry (Cambridge) and C. Lorius (St Martin d'Hères) – Aghia Pelaghia, Crete, Greece, 17–22 September

The conferences are open to scientists from all over the world. Attendance is limited to about 100, including speakers and those selected by the Chairmen from among the applicants. A fee covering board and lodging will be charged to participants. Some grants will be available for young researchers, in particular those from less favoured regions of Europe.

Deadline for Application is 3 months before a conference.

For further information on the conferences listed above and application forms, please contact the Executive Director of the Programme:

Dr. Josip Hendekovic, European Science Foundation
 1 quai Lezay-Marnésia, F-67080 Strasbourg Cédex, France.
 Tel. (33) 88 76 71 35 Fax. (33) 88 36 69 87 Tlx. 890440

Jacques Monod Conferences

These conferences are devoted to recent advances in the various fields of basic Biology and its applications in the areas of Biotechnology, Health, Agronomy and related industries. Attendance is limited to approximately sixty scientists, half of them invited speakers, the other half selected by the Chairperson from among applicants. Interested scientists may apply by sending to the Chairperson their curriculum vitae, a one page summary of their research interests and a list of their most relevant publications. Selected candidates must present their work during a conference.

Cytoplasmic Aspects of the Post-Transcriptional Regulation of Gene Expression, O. H. Beverley (Université de Rennes, Laboratoire de Biologie et Génétique du Développement, CNRS URA 26, Campus de Beaulieu, 35042 Rennes Cedex, France) – La-Londe-les-Maures, France, 29 March–2 April
Molecular Mechanisms of Synaptic Plasticity, F. Crepel (Université de Paris Sud, Laboratoire de Neurobiologie du Développement, CNRS URA 1121, Bat. 440, 91405 Orsay Cedex, France) – La-Londe-les-Maures, France, 10–14 May
Molecular and Cellular Biology of Guanine Nucleotide-Binding Regulatory Proteins, P. Gierschik (Molecular Pharmacology Division, German Cancer Research Center, INF 280/III, 6900 Heidelberg, Germany) – Aussois, France, 7–11 June
Mechanisms in Speciation, J. R. David (CNRS, Laboratoire de Biologie et Génétique Evolutives, UPR 2411, Ave. de la Terrasse, 91198 Gif-sur-Yvette, France) – Aussois, France, 21–25 June
Protein-Protein Interactions in the Photosynthetic Apparatus, P. Mathis (CEA, Centre de Saclay, Section de Bioénergétique, CNRS URA 1290, Bat. 532, 91191 Gif-sur-Yvette Cedex, France) – Aussois, France, 28 June–2 July
Lipid Dynamics in Cellular Organization, F. Spener (Westfälische Wilhelms-Universität, Institut für Biochemie, Wilhelm-Klemm-Str. 2, 4400 Münster, Germany) – Aussois, France, 13–17 September

Regulation of Gene Expression during Cellular Differentiation, U. Schibler (University of Geneva, Department of Molecular Biology, Sciences II, 30 quai Ernest-Ansermet, 1211 Geneva 4, Switzerland) – Aussois, France, 27 September–1 October
Cell Biology of Bacterial Protein Toxins, J. Alouf (Institut Pasteur, Unité des Toxines Microbiennes, CNRS URA 557, 28 rue du Docteur Roux, 75724 Paris Cedex 15, France) – Aussois, France, 4–8 October

Cognitive Aspects of Vocal Communication in Birds and Primates: A Progression Towards Language?, H. R. Güttinger (Universität Kaiserslautern, FB Biologie, Erwin-Schrödinger-Str., Postfach 3049, 6750 Kaiserslautern, Germany) – Aussois, France, 18–22 October
Protein Processing Mechanisms in Cellular Regulation, D. G. Smyth (MRC, National Institute for Medical Research, The Ridgeway, Mill Hill, London NW7 1AA, Great Britain) – La-Londe-les-Maures, France, 8–12 November

Philippe Laudat Conferences

INSERM organises these conferences under the responsibility of a European Committee. There are no published proceedings. The

conferences are open to scientists from all over the world. Attendance is limited to about 100, including speakers. A fee covering board and lodging will be charged to participants. Those interested in taking part in a conference should apply to Philippe Laudat Conferences, 101 rue de Tolbiac, 75654 Paris Cedex 13, France. Tel: (33) 1 44 23 60 89, Fax: (33) 1 45 85 68 56, before 1 May 1993.

Hemopoiesis and Early T Cell Differentiation, S. Ezine (France), R. Ceredig (France), N. Le Douarin (France), F. Lepault (France), H. R. Macdonald (Switzerland), N. Mitchinson (Germany), E. F. Wagner (Austria) – Le Bischenberg, Strasbourg, France, 1–5 September

Molecular Aspects of Neuronal Transporters, J.-P. Henry (France), D. Aunis (France), B. I. Kanner (Israel), S. Z. Langer (France), G. T. Robillard (The Netherlands), D. C. Williams (Ireland) – Le Bischenberg, Strasbourg, France, 26–30 September

Glutamate Receptors: From Gene to Therapy, J. Bockaert (France), J. Garthwaite (UK), J. Rossier (France), B. Sakmann (Germany) – Le Bischenberg, Strasbourg, France, 3–7 October

Instructions to Authors

Experientia is a monthly journal for life sciences devoted to publishing articles which are interdisciplinary in character and which are of general scientific interest. Considered for publication will be hitherto unpublished manuscripts that fall within the following categories:

Multi-author Reviews (collections of reviews on one topic assembled by an appointed Coordinator)

Reviews

Mini-reviews

Research Articles

Manuscripts reporting only preliminary results will not be accepted. Experiments on animals must conform to the *Ethical principles and guidelines for scientific experiments on animals* of the Swiss Academy of Medical Sciences. These are printed in the January issues of EXPERIENTIA. Copies can be obtained from the editorial office (see address below).

In order to emphasize the *interdisciplinary* character of papers submitted as *Research Articles*, authors are requested to explain the import and significance of the research described in both the *Abstract* and the *Introduction* in clear and simple terms for the benefit of readers outside their own field of interest.

Manuscripts must be submitted in *triplicate*, typed double-spaced and written in *English*.

- A *title page* should bear the author's name and address, an *Abstract* (not more than 10 lines), and a listing of not more than 7 *Key Words*.
- *Footnotes* must be avoided.
- *Tables* and *Figures* should be submitted on separate pages. Explanatory *legends (captions)* should be listed together on separate pages.
- All *data* should be expressed in units conforming to the *Système International (SI)*.
- *Drawings* are to be on heavy bond paper and marked clearly in black. *Computer graphs* are acceptable only if of highest quality and high contrast:

- *Photographs* should be supplied as glossy positive prints. Color photographs are not usually published. They can be accepted at the author's expense.
- *References*: For *Reviews*, references should be listed alphabetically and be numbered. Citation in the text should be by number. The references should contain full article titles and both first and last pages of the cited article. For *Research Articles* and *Mini-reviews*, an abbreviated bibliography is used: references are listed and numbered in order of appearance; titles and last pages are omitted.

Authors are requested to specify into which of the following disciplines their paper falls:

1. Anatomy, Physiology
2. Biochemistry, Biophysics, Metabolism, Neurobiology, Pharmacology
3. Endocrinology (vertebrate, invertebrate, plant hormones, pheromones)
4. Cellular Biology, Molecular Biology, Immunology and Immunochemistry
5. Genetics, Developmental Biology
6. Ethology, Ecology, Natural Product Chemistry

All incoming manuscripts are acknowledged immediately. Authors will be notified of the editorial board's publishing decision once their manuscripts have been evaluated by a minimum of two referees.

Fifty reprints of papers accepted for publication will be sent to the authors free of charge; additional reprints may be ordered.

Manuscripts and all communications to the editors should be addressed to:

Experientia
 Birkhäuser Verlag
 P.O. Box 133
 CH-4010 Basel/Switzerland
 Tel. Switzerland-61-271 7400
 Fax Switzerland-61-271 7666