

Announcements

11th International Symposium on Glycoconjugates, Toronto, Canada, 30 June-5 July, 1991

The themes of the Symposium will be:

Oligosaccharide conformation—Chairman: J. F. G. Vliegenthart; Plenary speaker: R. Dwek.

X-ray crystallography of glycoproteins—Chairman: J. P. Carver; Plenary speaker: D. R. Bundle.

Glycoprotein folding and intra-cellular transport—Chairman: D. Williams; Plenary speaker: C. Machamer.

Molecular biology of glycosyltransferases and other processing enzymes—Chairman: P. W. Robbins; Plenary speakers: J. Lowe, J. Paulson.

Trans-membrane signalling—Chairman: C. C. Sweeley; Plenary speaker: S. Spiegel.

Glycolipid receptors—Chairman: N. Sharon; Plenary speaker: K. A. Karlsson.

Immune modulation—Chairman: R. Schauer; Plenary speaker: K. Ishizaka.

Carbohydrates in cancer and development—Chairman: A. Kobata; Plenary speaker: S. I. Hakomori.

Glycosaminoglycans—Chairman: V. Hascall; Plenary speaker: U. Lindahl.

O-glycans—Chairman: M. Fukuda; Plenary speaker: M. Krieger.

Cell adhesion—Chairman: R. C. Hughes; Plenary speaker: P. Wassarman

Lectins—Chairman: M. Monsigny; Plenary speaker: S. D. Rosen

Carbohydrate interactions in non-mammalian systems—Chairman: A. Elbein; Plenary speakers: R. I. Hollingsworth, M. Etzler

Roseman Symposium

Chairman: S. Basu

Plenary speakers: J. Montreuil, S. Roseman

Speakers: G. W. Jourdian, D. Carlson, Y. C. Lee, C. Hellerqvist, E. Kean, E. A. Davidson, D. Aminoff

Information: Nicole Léger, Conference Services, National Research Council, Montreal Road, Building M-19, Ottawa, Ontario, Canada K1A 0R6. Tel. +1 613 993 9009, Fax +1 613 957 9858, Telex 053-3145; or Dr Harry Schachter, Hospital for Sick Children, Department of Biochemistry, 555 University Avenue, Toronto, Ontario, Canada M5G 1X8. Tel. +1 416 598 5915.

Advances in Regulation of Carbohydrate Metabolism, Jerusalem, Israel, 1-3 August 1991

Information: Professor E. Shafrir, The Hebrew University of Jerusalem—Hadassah Hospital, P.O. Box 12000, Jerusalem 91120, Israel.

EUROCARB VI, VIth European Symposium on Carbohydrate Chemistry, Edinburgh, Scotland, 8-13 September, 1991

Topics: Structural and conformational aspects of carbohydrates, Synthesis in relation to carbohydrates, Biochemical and medical aspects of carbohydrates. Industrial aspects will be integrated within the three themes.

Information: Dr John F. Gibson, EUROCARB VI, The Royal Society of Chemistry, Burlington House, London W1V 0BN, England.

International Perspectives in Glycobiology, at the University of Oxford, 15-18 September, 1991

A three-day conference bringing together industry and academia.

International leaders from industry, academia and government research institutions will meet to explore the issues and science associated with glycobiology. This high-level meeting will be held in Exeter College. Participants will stay and will dine in Exeter College. There will be five main sessions which will include presentations and discussions to enable further exploration of the subjects.

Glycobiology frontiers: science at the forefront of glycobiology—Speakers: G. W. Hart, Johns Hopkins University; M. Fukuda, La Jolla Cancer Research Foundation, California; M. Ferguson, Dundee University.

Industry and glycobiology: opportunities and hurdles in commercialization—Speakers: G. Poste, SmithKline Beecham Pharmaceuticals, President, Research and Development Technologies; G. S. Jacob, Monsanto, St Louis; A. Taunton-Rigby, Genzyme, Massachusetts.

Glycotechnology and glycoscience: techniques in structure-function elucidation—Speakers: R. Parekh, Oxford Glycosystems, Director of Research and Analytical Services; H. Conradt, Gesellschaft Braunschweig Forschung; T. Feizi, CRC Glycoconjugates section; R. Reid Townsend, University of California; J. Lowe, University of Michigan.

The law and glycobiology: regulations, patents, orphan drug programme—Speakers: D. T. Liu, Department of Health and Human Services, Bethesda; R. Dwek, University of Oxford, Director Glycobiology Unit.

Glycobiology and medicine—Speakers: I. M. Roitt, Middlesex Hospital; T. Rademacher, University of Oxford; B. Weintraub, National Institute of Health, Maryland.

Enquiries, requests and registrations, etc. to: Ms Anna Morris, Administrator, CPD Unit, Department for Continuing Education, University of Oxford, Rewley House, 1 Wellington Square, Oxford OX1 2JA, UK (Tel.: 0865 270373; Fax: 0865 270309).

Role of Sialic Acids and Sialidases in Molecular Recognition Phenomena, 20–24 October, 1991

Preliminary programme:

Sialic acids, structure and metabolism. Alterations in transformed cells, diseases associated with altered transport and metabolism.

Sialidases from microorganisms and higher organisms.

Properties, cloning, genetic, sialidosis.

Recognition of sialic acids and desialylated structures by lectins and hormones.

Pathophysiological consequences, role in organogenesis.

Sialic acids, sialidases and immunity.

Organizers: C. R. Lambré (INSERM U.139), A. P. Corfield (Bristol, UK), J. C. Michalski (CNRS-UMR 111), R. Schauer (Kiel, RFA)

Speakers: J. F. Bouhours (France), R. Brossmer (Germany), A. P. Corfield (UK), P. Delanoy (France), T. Feizi (UK), H. J. Gabius (Germany), H. Galjaard (The Netherlands), I. Goldstein (USA), M. D. Kazatchkine (France), Y. Landry (France), A. Lepers (France), P. Louisot (France), T. Miyagi (Japan), M. Monsigny (France), M. E. A. Pereira (USA), Y. Pilatte (France), P. Roggentin (Germany), J. Roth (Switzerland), R. Schauer (Germany), C. C. Sweeley (USA), G. Tettamanti (Italy), H. Van den Eijnden (The Netherlands), A. T. Vasella (Switzerland), J. F. G. Vliegthart (The Netherlands), R. Y. Webster (USA), E. Zbiral (Austria)

Scientists wishing to attend this conference have to submit an application form to INSERM Symposia Department, 101, rue de Tolbiac, 75654 Paris, Cedex 13, France (Tel.: 45.84.14.41 extension 40.65 or 40.10; Telex: INSERM 270 532F; Fax: 45.85.68.56) before 15 May, 1991.

XVIth International Carbohydrate Symposium, Paris, France, 5–10 July, 1992

The scientific programme will cover all aspects of the chemistry and biochemistry of carbohydrates. This will

include plenary and invited session lectures, and poster sessions. A two-day pre-symposium dealing with the industrial perspectives of carbohydrate chemistry will take place in Lyon (France).

The following headings will be used to group symposium contributions:

Structure: primary structure, conformational analysis, spectrochemical methods and analysis applied to carbohydrates and glycoconjugates.

Synthesis: new methods and synthesis of bio-molecules such as carbohydrates, antibiotics, nucleosides, nucleotides, glycoconjugates, and the use of carbohydrates as chiral synthons.

Biochemistry: various biological and medical aspects of carbohydrates and glycoconjugates.

Applied and industrial aspects: various uses of carbohydrates in industry.

Enquiries should be addressed to: Professor Jean-Claude Depey, General Secretary, XVIth International Carbohydrate Symposium, Laboratoire de Chimie URA 400, Université René Descartes, 45, rue des Saints-Pères, 75270 Paris, Cedex 06, France

Gordon Research Conference on Carbohydrates, Tilton, NH, USA, 24–28 June, 1991

Chairman: C. P. J. Glaudemans; Vice-chairman: B. Fraser-Reid.

Topics: Synthesis and structure of polysaccharides: H. Jennings (discussion leader), L. Backinowsky, R. Carlson (speakers). Glycolipids and glycoproteins (analysis and function): P. Stanley (discussion leader), M. Ferguson, R. Geyer (speakers). Synthetic carbohydrate chemistry: B. Fraser-Reid (discussion leader), H. Kunz, P. Kovac, K. Suzuki (speakers). Lipophilic glycosides, synthesis and application: G. Jeffrey (discussion leader), H. van Doren, S. Regen (speakers). Interaction between carbohydrates and proteins: J. Lehmann (discussion leader), D. Ferro, E. Nashed, O. Hindsgaul (speakers). Naturally occurring carbohydrate determinants; G. Aspinall (discussion leader), J. Robbins, J. Magnani (speakers). Physico-analytical carbohydrate chemistry: K. Bock (discussion leader), L. Lerner, P. de Waard, A. Dell (speakers). Glycobiology: R. A. Dwek (discussion leader), discussion leaders and participants, "Areas of future interest for carbohydrate research". Some carbohydrate-aspects of the AIDS problem: W. Egan (discussion leader), M. Robins, T. Feizi (speakers).

Poster information: Dr Bert Fraser-Reid, Dept. of Chemistry, Duke University, Durham, NC 27706 (Tel.: (919) 684-3628).

General information: Dr Alexander M. Cruickshank, Gordon Research Conferences, Gordon Research Center, University of Rhode Island, Kingston, Rhode Island 02881-0801, USA.