

ANNOUNCEMENTS

Fourth International Congress of Inborn Errors of Metabolism. Sendai, Japan, May 26-30, 1987.

Information: Congress Secretariat, The Fourth International Congress of Inborn Errors of Metabolism, c/o International Congress Service Inc., Kasho Bldg. 2F, 2-14-9 Nihombashi Chuo-ku, Tokyo 103, Japan.

Gordon Research Conference on Carbohydrates. Tilton School, Tilton N.H., U.S.A. June 22-26, 1987.

Information and application forms: Dr. A.M. Cruickshank, Director, Gordon Research Conferences, Gordon Research Center, University of Rhode Island, Kingston R.I. 02881-0801, U.S.A.

Chairman: Hans H. Baer. Vice Chairman: Gerald O. Aspinall.

June 22. (R.W. Jeanloz, discussion leader): J.F.G. Vliegthart, "Investigations of the N-linked carbohydrate chains of glycoproteins"; A. Dell, "Solving structural problems by Fab-MS". (W.A. Szarek, discussion leader): D.C. Baker, "Synthesis, biosynthesis, and enzymology of 2'-deoxycoformycin"; A.K. Ganguly, "New oligosaccharide antibiotics".

June 23. (D.R. Bundle, discussion leader): K. Bock, "Limitations of empirical calculations in conformational analysis of oligosaccharides: a branched trisaccharide with the central D-glucopyranose unit in the ¹C₄ conformation"; L. Kenne, "Some recent progress in structural analysis of polysaccharides"; J. Reuben, "Monomer composition of cellulose ethers: ¹³C-NMR analysis and mathematical modeling".

(D. Horton, discussion leader): G. J. McGarvey, "Convergent approaches to the asymmetric synthesis of carbohydrates"; M. Weigle, "The chemistry of three bioactive natural products".

June 24. (G.O. Aspinall, discussion leader): P.J. Brennan, "Structures, and physiological and immunological roles, of the specific glycolipids of mycobacteria"; T. Feizi, "Carbohydrate differentiation antigens: their relevance in cell growth regulation"; S.I. Hakomori, "Glycosphingolipid antigens".

(Y. Guindon, discussion leader): O.R. Martin, "Intramolecular C-glycosidation: a new tool in carbohydrate chemistry"; J.-M. Beau, "Anionic anomeric species of carbohydrates: preparation and use in synthetic chemistry".

June 25. (G. Descotes, discussion leader): J. Thiem, "Stereoselective oligosaccharide synthesis by chemical and enzymatic glycosylation"; T. Ogawa, "Some topics in oligosaccharide synthesis"; J. Szejtli, "Properties and industrial potential of cyclodextrins".

(C.P.J. Glaudemans, discussion leader): G. Lukacs, "Synthesis of fluorine-containing carbohydrates of biological interest"; N.F. Taylor, "Some biochemical aspects of fluorocarbohydrates".

June 26. (H.J. Jennings, discussion leader): O. Hindsgaul, "Recognition of substrates by glycosyltransferases"; G. Magnusson, "Synthesis and conformation of modified oligosaccharides with biological receptor activity".

Participants are invited to present posters.

IXth International Symposium on Glycoconjugates. Lille, France, July 6-11, 1987.

In accordance with the resolution expressed at the meeting of the Steering Committee of the International Glycoconjugate Group held in Houston, Texas, in September 1985, the IXth International Symposium on Glycoconjugates, co-organized by the Université des Sciences et Techniques de Lille Flandres-Artois, the Centre National de la Recherche Scientifique (CNRS) and the Conseil Régional du Nord - Pas-de-Calais, will be held in Lille (France) from the 6th to the 11th of July, 1987.

The Organizing Committee of the IXth Symposium cordially invites all those interested in any aspect of glycoconjugates to participate in this meeting.

Scientific programme

In agreement with the policy of the Steering Committee of the International Glycoconjugate Group, the scientific programme will cover the broad field of chemistry, biochemistry (including pathological aspects), molecular biology and (bio)technology of glycoconjugates. It will include invited lectures, short oral presentations and poster sessions.

The main topics for the Symposium are as follows

- A Primary structure and spatial conformation of glycoconjugates
- B Organic synthesis of glycans
- C Glycoconjugate biosynthesis: regulation and pathology
- D Normal and pathological catabolism of glycoconjugates
- E Glycoconjugate interactions: molecular and cellular aspects
- F Role of glycans in cell differentiation and transformation, including cancer and metastasis
- G Immunology and immunochemistry of glycoconjugates
- H Glycoconjugates of plants
- I Glycoconjugates of microorganisms
- K Genetics and evolution of glycoconjugates. Gene cloning and expression
- L Biotechnology of glycoconjugates
- M The future in the field of glycoconjugates: a prospect.

Information: Those wishing to receive detailed information on the scientific programme, general arrangements, costs and final registration forms are urged to write to: Professor Jean Montreuil, IXth International Symposium on Glycoconjugates, Université des Sciences et Techniques de Lille Flandres-Artois, Laboratoire de Chimie Biologique, 59655 Villeneuve d'Ascq Cedex, France. Telephone Int+33-204348.83. Telex 136339 F.

The deadline for registration and sending of communication abstracts is March 30th, 1987.

4th European Symposium on Carbohydrates (EUROCARB IV). Darmstadt, W. Germany July 13-17, 1987.

Information: Professor F.W. Lichtenthaler, Technische Hochschule, Institut für Organische Chemie und Biochemie, Petersenstrasse 22, 6100 Darmstadt, W. Germany.

INTERLEC 9. Ninth International Lectin Meeting. Cambridge, England, July 27-31, 1987.

INTERLEC is a series of annual international lectin conferences covering all aspects of pure and applied lectinology. Previous meetings have been held in Copenhagen, Berne, Poznan, Brussels and La Paz. The 1987 meeting will take place at Queens' College, University of Cambridge.

Scientific sessions

- Lectin sources
- Biochemistry of lectins
- Physical chemistry of lectins: affinity, haptens, competitive inhibition
- Lectins in plant physiology and pathology
- Lectins in plant ecology
- Lectins in cell biology and histology
- Lectins as tools in clinical biochemistry
- Lectins as allergens and pseudo-allergens
- Lectins and animal transplantation
- Animal and bacterial lectins
- Lectins and cancer

Further information: Dr D.L.J. Freed, Beaumont Hospital, Old Hall Clough, Chorley New Road, Bolton BL6 4LA, England (Scientific): or Conference Contact, 42 Devonshire Road, Cambridge CB1 2BL, England; telephone 0223 323437 (Bookings and business).

Symposium on Swainsonine and Related Glycosidase Inhibitors, Utah State University, Logan, Utah, August 10-14, 1987.

The topics to be discussed will include the comparison of induced and genetic glycoprotein storage diseases, the effects of glycosidase inhibitors on glycoprotein processing, the chemistry of glycosidase inhibitors including synthesis, the toxicological effects on animals, and the plants (locoweeds, swainsonine) that are sources of the inhibitors.

Information: Contributions in the form of oral presentations or posters are welcome. Dr. Lynn F. James, USDA Poisonous Plant Research Laboratory, 1150 East 1400 North, Logan, UT 84321, U.S.A. Telephone 801-752-2941.

FEMS Meeting: Biochemistry and Genetics of Cellulose Degradation. Paris, France, September 7-9, 1987.

Information: Prof. J.P. Aubert, Department de Biochemie et Genetique Moleculaire, Unite de Physiologie Cellulaire, Institut Pasteur, 28 Rue du Docteur Roux, 75724 Paris, France.

XIVth International Carbohydrate Symposium. Stockholm, Sweden, August 14-19, 1988.

Information: XIVth ICS 1988, c/o Stockholm Convention Bureau, Box 6911, S-102 39 Stockholm, Sweden. Telephone +46-8-230990. Telex 11556. Telefax 348441.