

Announcements and News

The 212th American Chemical Society National Meeting, August 25–29 1996, Orlando, Florida

Deadline for abstracts: April 15 1996.

Please contact the following Symposium organisers for more information:

Antitumor-active carbohydrates: David C. Baker, Department of Chemistry, University of Tennessee, Knoxville, TN 37996, USA. Tel: +1 615 974 1066. Manssur Yalpani, CarboMer Inc., P.O. Box 721, Westborough, MA 01581, USA. Tel: +1 617 239 2338.

Solution and solid-phase synthesis of oligosaccharides and glycopeptides (co-sponsored by ORGN): O. Hindsgaul, Department of Chemistry, University of Alberta, Edmonton, Alberta T6G 2G9, Canada. Tel: +1 403 492 4171. D.E. Kahne, Department of Chemistry, Princeton University, Princeton, NJ 08544, USA. Tel: +1 609 258 1165.

Biogenesis of storage polysaccharides: W.J. Whelan, Department of Biochemistry, University of Miami School of Medicine, P.O. Box 016129, Miami, FL 33101, USA. Tel: +1 305 243 6266.

Glycobiology (co-sponsored by BIOL): H.-W. Liu, Department of Chemistry, University of Minnesota, 207 Pleasant Street SE, Minneapolis, MN 55455, USA. Tel: +1 612 625 5356. C.H. Wong, Department of Chemistry, Scripps Research Institute, La Jolla, CA 92037, USA. Tel: +1 619 554 4487.

Recent advances in carbohydrate chemistry: Gary R. Gray, Department of Chemistry, University of Minnesota, 207 Pleasant Street SE, Minneapolis, MN 55455, USA. Tel: +1 612 625 1068.

Contributed papers: A.D. French, USDA-ARS, Southern Regional Research Center, PO Box 19687, New Orleans, LA 70179, USA. Tel: +1 504 286 4250. Email: afrench@nola.srrc.usda.gov

Advanced Course on Glycoconjugates: From Structure to Molecular Biology, September 2–13 1996, Villeneuve d'Ascq, France

This course is being organized by the Laboratoire de

Chimie Biologique of the University of Science and Technology in Lille.

Topics: Determination of the monosaccharide content of glycans; chromatographic procedures for glycan fractionation; chemical and enzymatic deglycosylation procedures; use of glycosidases for structural analysis of glycans; carbohydrate analysis by methylation and mass spectrometry; carbohydrate analysis by NMR; lectins as tools for glycan separation and structural analysis; glycosyltransferase assays.

Sponsors: European Molecular Biology Organization and Centre National de la Recherche Scientifique, Université des Sciences et Technologies de Lille.

Information: Professor A. Verbert, Laboratoire de Chimie Biologique, UMR No. 111 du CNRS, Université des Sciences et Technologies de Lille, Villeneuve d'Ascq, France. Tel: +33 20 43 48 83. Fax: +33 20 43 65 55.

Royal Society of Chemistry Carbohydrate Group Autumn Meeting: Synthesis, Conformation and Molecular Recognition of Carbohydrates and their Mimetics, September 9 1996, London, UK

Speakers: S. Hanessian, A.B. Smith, W.B. Motherwell, R.J. Stoodley, J.E. Anderson, R.M. Paton, G.J. Boons and R. Cosstick.

Information: Dr K. Hale, The Christopher Ingold Labs., University College London, 20 Gordon Street, London UK.

Second Electronic Glycoscience Conference (EGC-2), September 9–20 1996

This conference will be held on the Internet and World Wide Web. Papers and posters can be presented on the Web but authors may opt for permanent publication of their presentations either as a regular journal article in a special issue of Glycoconjugate Journal or on a CD-ROM on the Glycosciences.

Themes: Glycosyltransferases; Glycoimmunology; Primary Structure Determination; Glycolipids; Organic Synthesis; Molecular Modelling, Design and Informatics; Lectins;

Polysaccharides and Cellulose; Proteoglycans and Glycosaminoglycans; Glycomedicine; Carbohydrate Biotechnology; Glycobiology; Crystallography; NMR; Function of Carbohydrates in Biological Systems; and Perspectives.

A detailed program including submission and registration details will be posted to the glycosci newsgroup and the glycoscience interest group mailing list later in March.

Gordon Research Conference on the Structure of Glycolipids and Sphingolipids, September 29 – October 4 1996, Gifu, Japan

Information: Dr Y. Nagai, Mitsubishi Kasei Institute of Life Sciences, 11 Minami Ohya, Machida-city, Tokyo 194, Japan. Tel +81 427 24 6214. Fax: +81 427 29 1252.

Sweet Secrets of Life – Intensive PhD course in Glycobiology, September 27 – October 4 1996

Invited lectures, seminars and laboratory demonstrations with special emphasis on glycoforms and protein glycosylation

Information: Website: <http://plab.ku.dk> and Thorkild C. Bog-Hansen. Email: tcbh@biobase.dk

First Australasian Conference on 'The Chemistry and Biochemistry of Sialic Acid-Recognising Proteins', September 30–October 4 1996, Melbourne, Australia

Organizer: Dr Mark von Itzstein.

Information: Miss Fiona Crone, Department of Medicinal Chemistry, Victorian College of Pharmacy, Monash University (Parkville Campus), 381 Royal Parade, Victoria 3052, Australia. Fax: +61 3 9903 9672. Email: fiona.crone@vcp.monash.edu.au.

American Society for Biochemistry and Molecular Biology Symposium on Biological Roles of Oligosaccharides, October 4–7 1996, Salt Lake City, USA

Information: Dr John B. Lowe, Dept of Pathology, HHMI, University of Michigan Medical School, 1150 West Medical Center Drive, Ann Arbor, MI 48109-0650. Tel: +1 313 747 4779. Fax: +1 313 936 9353.

Dr Ajit Varki, Professor of Medicine, Associate Director for Basic Research, UCSD Cancer Center, no. 0687, CMM-East Building, Room 1604, 9500 Gilman Drive, University of California, San Diego, La Jolla, CA 92093-0687. Tel: +1 619 534 3296. Fax: +1 619 534 5611/5792. Email: avarki@ucsd.edu

Starch 96, October 7–8 1996, Groningen, The Netherlands

Information: Mrs Ellen Jansen, Carbohydrate Research

Foundation, PO Box 96882, 2509 JG The Hague, The Netherlands. Fax: 31 7035 15318. Email: zijlstra@zes-tec.nl

The 4th Jenner International Glycoimmunology meeting, November 12–15 1996, Athens, Greece

This meeting is the fourth to be held since 1990 and is now the established forum for presentation and discussion of data related to glycoimmunology. The meetings bring in clinical and basic research workers with a wide spectrum of interests ranging from the pathogenesis of rheumatoid arthritis through the mechanisms of cell migration, to the molecular biology of the glycosyltransferases.

Topics: glycobiology, the basics; oligosaccharides and biological function; oligosaccharides and inflammation; oligosaccharide protein interactions; glycosylation and disease; and carbohydrate therapeutics.

Plenary lectures and posters will be published on the World Wide Web and an electronic glycoimmunology conference will be held in parallel to the on-going meeting. Electronic participants will be invited to discuss data with real participants.

Information: Dr John S. Axford, Dept of Cellular and Molecular Science, St George's Hospital Medical School, Cranmer Terrace, London SW17 0RE, UK. Email: sggf500@sghms.ac.uk

Annual meeting of the Glycobiology Society, November 24–26 1996, Boston, USA

Morning programs are scheduled for two perspective lectures followed by four salient topic lectures. Each afternoon will include a poster session followed by four concurrent symposia. Box lunch meetings on FDA regulations and NIH Study sessions are scheduled. There will also be exhibits and a banquet, as well as other entertainments.

Contact: Dr Vernon N. Reinhold, Mass Spectrometry Resource, Department of Microbiology, Boston University Medical Center, 80 East Concord Street, Boston, MA 02118-2394, USA. Tel: +1 617 638 6762. Fax: +1 617 638 6761. Email: vern@yuki.bu.edu

Royal Australian Chemical Institute Medicinal and Agricultural Division 13th National Conference, December 8–11 1996, Clayton, Australia

Themes: agrochemistry, toxins, anti-infectives, enzyme inhibitors, automated methods of synthesis and screening, glycobiology and glycochemistry, DNA and drugs, QSAR methods and medicinal chemistry teaching. Papers are invited for both lecture and poster sessions.

Information: Dr Margaret Wong, Department of Applied

Chemistry, Swinburne University of Technology, Hawthorn 3122, Victoria, Australia. Tel: +61 3 9214 8542. Fax: +61 3 9819 0834. Email: marg@chem1.chem.swin.edu.au

Tracy Nero, PhD, Clinical Pharmacology and Therapeutics Unit, Dept of Medicine, University of Melbourne, Austin Campus, Austin and Repatriation Medical Center, Heidelberg 3084, Victoria, Australia. Tel: +61 3 9496 5052. Fax: +61 3 9459 3510. Email: tracy@austin.unimelb.edu.au

International Symposium on Glycosyltransferases and Cellular Communications, March 26–28 1997, Osaka, Japan

Information: Conference Secretariat, Dr Yoshito Ihara, c/o Professor Naoyuki Taniguchi, Department of Biochemistry, Osaka University Medical School, 2–2 Yamadaoka, Suita, Osaka 565, Japan. Tel: +81 6 879 3421. Fax: +81 6 879 3429. Email: osatoh@biochem.med.osaka-u.ac.jp

Eurocarb-9, 9th European Carbohydrate Symposium, Utrecht, The Netherlands, July 6–11 1997

Topics: synthetic aspects of carbohydrates and carbohydrate-containing compounds; structural analysis of (poly)saccharides and glycoconjugates, including spectrochemical methods; conformation analysis/molecular modelling of (poly)saccharides and glycoconjugates; biochemical, biological and medical aspects of (poly)saccharides and glycoconjugates; and carbohydrates in industry.

Information: Secretariat Eurocarb-9, Bijvoet Center, Department of Bio-Organic Chemistry, Utrecht University, P.O. Box 80.075, 3508 TB Utrecht, The Netherlands.

IUBMB 17th International Congress of Biochemistry and Molecular Biology, August 24–29 1997, San Francisco, USA

In conjunction with the Annual Meeting of the American Society for Biochemistry and Molecular Biology

Scientific Programme: Regulation of the Cell Cycle: DNA Repair, Recombination and Replication; Receptors and the

Signals that they Transduce; Extracellular Matrix/Cell Matrix Interactions; Lipid Mediators; Biochemistry and Molecular Biology of Sensory Systems; Synaptic Transmission and Neurobiology of Learning; Molecular Basis for Cell Specialisation (Differentiation and Development); Pattern Formation during Development; Regulation of Gene Expression; RNA Processing and Editing; Translational Control; Regulation of Protein Turnover/Degradation; Structural Basis of Macromolecular Functions; Assisted Protein Folding and Chaperones; Prediction of Protein Structure/Function from Sequence; Enzyme Mechanisms and Catalysis; Designing Small and Large Molecules; Intracellular Sorting and Trafficking; Glycobiology; Lipid Modification of Proteins; Membrane Channels and Permeases; Genome Analysis; Gene Therapy; Molecular Basis of Human Diseases; Cancer; Molecular and Biochemical Basis of the Pathogenesis of Infectious Diseases; AIDS – Present and Future; Molecular Biology of Ageing; Mechanical Processes in Biological Systems; Plant Molecular Biology; Bioenergetics; Ribozymes; Metabolic Regulation.

Contact: Charles Hancock, ASBMB, 9650 Rockville Pike, Bethesda, Maryland 20814-3996, USA. Fax: +1 301 571 1824.

Glyco XIV, International Symposium on Glycoconjugates, Zürich, Switzerland, September 7–13 1997

Information: Dr Jurgen Roth, Division of Cell and Molecular Pathology, Department of Pathology, University of Zürich, Schmelzbergstrasse 12, 8091 Zürich, Switzerland. Fax: +41 1 255 4407. Email: zellpatho@aeolus.vmsmail.ethz.ch

The 17th International Lectin Meeting – INTERLEC 17, September 22–26 1997, Würzburg, Germany

Information: Website: <http://plab.ku.dk> and H. Rudiger, Institute for Pharmacy and Food Chemistry, Am Hubland, D-97074, Würzburg, Germany, or Thorkild C. Bog-Hansen – Email: tcbh@biobase.dk