

## Announcements

### INTERNATIONAL PERSPECTIVES IN GLYCOBIOLOGY: THE SECOND OXFORD INTERNATIONAL CONFERENCE

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12–14 September 1994, Oxford, England.

Following the success of the first conference, the Second Oxford International Conference in *International Perspectives in Glycobiology* will be held at Wadham College, the University of Oxford, Oxford, England from Monday 12th September to Wednesday 14th September 1994 inclusive. Once again the conference is being organised by the University of Oxford Continuing Professional Development Centre in collaboration with the Institute of Glycobiology.

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 Wadham College in the centre of Oxford. Participants will also be able to stay and dine in Wadham College. There will be six main sessions which will include presentations and discussions to enable further exploration of the subjects.

#### Programme

The Conference will include Symposia pre-organised for key topics with invited speakers, together with Oral Presentation and Poster Presentation Sessions. Symposium topics with invited speakers will include:

- (i) Frontiers in glycobiology
- (ii) Glycotechnology and analytical techniques
- (iii) Glycobiology and medicine I
- (iv) Glycobiology and medicine II
- (v) Pharmaceutical and biopharmaceutical implications of glycobiology
- (vi) Industry and glycobiology

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## 4th International Workshop on Oligo and Polysaccharides

September 14-16, 1994

AUSSOIS, France

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The 4th International Workshop on Oligo and Polysaccharides will take place in Aussois (France) at the Centre Paul Langevin, from 14th to 16th September, 1994, under the sponsorship of the Centre National de la Recherche Scientifique (CNRS), the Institut National de la Recherche Agronomique (INRA) and the Université Joseph Fourier of Grenoble. The Workshop is jointly organized by the Centre de Recherches sur les Macromolécules Végétales/CNRS, Grenoble, and the Centre de Recherches Agro-Alimentaire/INRA, Nantes.

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### SCIENTIFIC PROGRAMME

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#### Biosynthesis

- S.G. BALL (Université de Lille, France): Towards an understanding of the biogenesis of the starch granule in plants.
- M. FEVRE (Université Claude Bernard, Lyon, France): Biosynthesis of fungal cell wall polymers.
- W.J. WHELAN (University of Miami, USA): The biosynthesis of glycogen and starch.

#### Biological activity

- G. SKJAK-BRAEK (University of Trondheim, Norway): Immune stimulating properties of di-equatorially 1-4 linked poly-uronides.
- G. FRANZ (University of Regensburg, Germany): Structure/activity of antithrombotic polysaccharide derivatives.
- J. DORDICK (University of Iowa, USA)

#### Polysaccharides and enzymes

- P. BEGUIN (Institut Pasteur, Paris, France): The cellulosome of *Clostridium thermocellum*: an extracellular multi-enzyme complex specialized in the degradation of plant cell wall polysaccharides.
- M. SCHULEIN (Novo Nordisk, Denmark): *Humicola insolens* alkaline cellulases.

#### Analytical developments

- E. ATKINS (University of Bristol, UK): Biomolecular structure of polysaccharides: relationships between shape, function and interaction.
- H. VAN HALBEEK (University of Georgia, USA): Conformation and dynamics of carbohydrates studied by NMR spectroscopy.

#### New polysaccharide-based materials

- I. TOMKA (Ecole Polytechnique Fédérale de Zurich, Switzerland): Thermoplastic starch.
- C.R. WOODINGS (Courtauld, Coventry, UK): The development of advanced cellulosic fibres: a perspective.

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### FURTHER INFORMATION

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4e Rencontre Internationale sur les Oligo et Polysaccharides

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