

## Announcement

**1995 Gordon Research Conference  
on Carbohydrate Chemistry**

The 1995 Gordon Research Conference on Carbohydrate Chemistry will be held on 25–30 June 1995 at the Tilton School, Tilton, New Hampshire, USA. The conference will be chaired by **O. Hindsgaul** (chair), University of Alberta, Canada and **B.M. Pinto** (vice chair), Simon Fraser University, Canada. The conference will be split into four sections, each section being directed by Discussion Leaders. The following gives an outline of the proposed subject areas and speakers.

**Oligosaccharide Synthesis (26, 27 June). Discussion Leaders: B. Fraser-Reid and T. Ogawa.** Synthesis of complex oligosaccharides via alkyl (aryl) 1-thio-glycosides (**J.H. van Boom**, Netherlands). Advances in the synthesis of biologically important glycoconjugates (**S. Danishefsky**, USA). Stereocontrolled glycoside synthesis: From concept to practice (**S. Hanessian**, Canada). A facile synthesis of cell-surface oligosaccharides and their biological functions (**A. Hasegawa**, Japan). Some aspects of stereochemical control in oligosaccharide synthesis (**Y. Ito**, Japan). Glycosylation using anomeric sulfoxides (**D. Kahne**, USA). Glycoconjugate synthesis using isolated oligosaccharides as a versatile starting material (**S. Nishimura**, Japan). New aspects of glycoside bond formation (**R. Schmidt**, Germany). Approach to the synthesis of polysaccharide analogues (**A. Vassella**, Switzerland). Recent progress on the chemo-enzymatic synthesis of carbohydrates (**C.-H. Wong**, USA).

**Carbohydrate Mimics (28 June), Discussion Leader: K. Bock.** Selectin mediated cell adhesion (**B. Ernst**, Switzerland). Substrate mimics of glycoenzymes (**H. Hashimoto**, Japan). Studies in glycochemistry (**S. Knapp**, USA). Glycolipid analogues for biological investigations (**G. Magnusson**, Sweden). Facile syntheses of methylene linked sugars and cyclopentanes as carbohydrate mimics (**P. Sinay**, France).

**Glycopeptides (29 June). Discussion Leader: B. Ernst.** Protein glycosylation specificity and function (**B. Imperiali**, USA). Recent techniques in glycopeptide synthesis and biology (**M. Meldal**, Denmark). Synthesis of mucin glycopeptides (**H. Paulsen**, Germany). New methods for the synthesis of O-linked glycopeptides and the pharmacology of glycopeptide enkephalin analogues. (Is morphine obsolete?) (**R. Polt**, USA).

**Molecular Recognition of Oligosaccharides (30 June). Discussion Leader: R.U. Lemieux.** Binding motifs in oligosaccharide–antibody complexes (**D.R. Bundle**, Canada). Peptides mimicking carbohydrate epitopes on the cell wall of group A

streptococcus (**J. Scott**, Canada). Complexation in aqueous solution: Evaluation of driving and opposing forces (**E. Toone**, USA).

**For further information, please contact: Professor Ole Hindsgaul**, Department of Chemistry, University of Alberta, Edmonton, Alberta, Canada T6G 2G2. Phone: (403)-492-9756. FAX: (403)-492-7705 or (403)-492-8231. E-mail: [ole\\_hindsgaul@dept.chem.ualberta.ca](mailto:ole_hindsgaul@dept.chem.ualberta.ca) or [lynne\\_lechelt@dept.chem.ualberta.ca](mailto:lynne_lechelt@dept.chem.ualberta.ca).