

Preface

This is the collective publication of the plenary lectures presented at the XVth International Carbohydrate Symposium, held in Yokohama in 1990 under the international auspices of IUPAC and IUB.

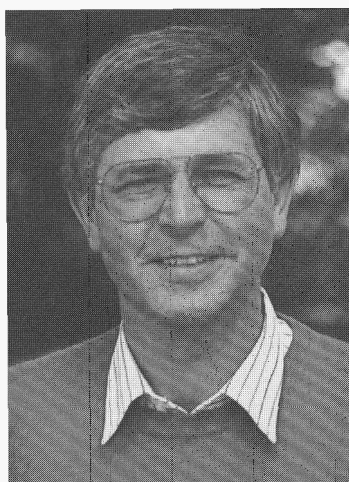
Reflecting the remarkable development of glycobiology in recent years, many functional aspects of the sugar chains of glycoconjugates, as well as organic chemistry, and analysis of carbohydrates are gathered in this volume.

The editor wishes that these laborious works will help readers to have increasing interest to this new major field of inquiry in the area of biosciences. He also gratefully acknowledges the cooperation of the plenary lecturers in complying with the guidelines and timetable set for them.

Tokyo, December 1990
A. Kobata

The Winner of 1990 Whistler Award

Professor Johannes P. Kamerling



Whistler Award was established by the International Carbohydrate Organization in honor of Professor Roy L. Whistler to recognize scientists, who have made excellent contribution in carbohydrate chemistry and biochemistry and with promise of continuing significant contributions. The 1990 Whistler Award was presented to Professor Kamerling at the opening ceremony of XVth International Carbohydrate Symposium.

He has made remarkable contribution in the field of structural analysis of sugar chains by NMR and other physicochemical means. His achievement will open the way to analyze the sugar-protein interaction as well as the structures of sugar chains.