## Preface

It is pleasing to record that the tradition of support and sponsorship by the International Union of Pure and Applied Chemistry was restored for the 9th International Symposium on Carotenoids. The organizers of the Symposium are most grateful to IUPAC and particularly to Mr. P.D. Gujral who, as Executive Editor of Pure and Applied Chemistry, has overseen the smooth and rapid publication of this Volume, which contains the texts of the invited lectures.

The Organizing Committee also wish to thank the several institutions and companies whose sponsorship and generous financial support ensured that the Symposium was so successful.

Foundation for Advancement of International Science Osaka Pharmaceutical Manufacturers Association The Pharmaceutical Manufacturers' Association of Tokyo F. Hoffmann-La Roche and Co. Ltd., Basel, Switzerland Japan World Exposition Commemorative Fund Kobe Women's College of Pharmacy Suntory Institute for Bioorganic Research

The Symposium was held in the beautifully situated Mt. Hiei Hotel and we thank the management and staff for their most courteous service and for providing excellent facilities and a relaxed atmosphere for the friendly and constructive scientific discussions and exchange of views that have always been such a valuable feature of the carotenoid meetings.

Interest in carotenoids continues to increase, and the Symposium attracted approximately 200 participants from more than 20 countries. On their behalf, I should like to express our deep gratitude to the Chairmen of the Organizing Committee, Professors K. Tsukida and T. Matsuno, to the Secretaries, Professor M. Ito and Dr. W. Miki, and to all their colleagues and helpers for their tireless, efficient and most friendly efforts before and during the Symposium.

It is also a pleasure to acknowledge all the invited speakers for providing excellent manuscripts in good time and accepting the amendments suggested by the Editor. Thanks to their cooperation, these Proceedings have been published so soon after the Symposium. This Volume stands as a record of the main lectures presented at the 9th International Symposium on Carotenoids, which was held in Kyoto, Japan, 20th-25th May 1990. We now look forward to the 10th meeting in the series, which will be held in Trondheim, Norway in the summer of 1993.

> George Britton Symposium Editor