## CARBOHYDRATE POLYMERS

## A Journal devoted to Scientific and Technological Aspects of Industrially Relevant Polysaccharides

Carbohydrate Polymers covers the study of carbohydrate polymers which have current or potential industrial application in areas such as food, textiles, paper, wood, adhesives, biodegradables, biorefining, pharmaceuticals, and oil recovery. Topics include:

- studies of structure and properties
- biological and industrial development
- analytical methods
- · chemical and microbiological modifications
- interactions with other materials

The journal publishes review papers, original research papers, short communications and book reviews. Only papers with international relevance are published.

## **EDITORS**

PROFESSOR J. F. KENNEDY

Professor of Applied Chemistry, The North East Wales Institute, Deeside, Clwyd, UK, and

Director Birmingham Carbohydrate and Protein Technology Group, School of Chemical Sciences, University of Birmingham, Birmingham B15 2TT, UK

PROFESSOR J. R. MITCHELL

School of Biological Sciences, Division of Food Sciences, University of Nottingham, Sutton Bonington Campus, Loughborough LE12 5RD, UK DR G. M. GLENN

Bioproduct Chemistry and Engineering USDA-ARS, Western Regional Research Centre, 800 Buchanan Street, ALbany, CA 94710, USA

## **EDITORIAL BOARD**

I. Arvanitoyannis

University of Thessaly, Volos, Greece

J. E. BeMiller

Purdue University, West Lafayette, Indiana, USA

G. G. Birch

University of Reading, UK

M. A. Coimbra

University of Aveiro, Portugal

V. Crescenzi

University of Rome, Italy

Y. Du

Wuhan University, Wuhan, Hubei, People's Republic of China

D. Dunstan

University of Melbourne, Australia

Y. Fang

Shaanxi Normal University, People's Republic of China

H.-P. Fink

Fraunhofer Institute for Applied Polymer Research Potsdam, Germany

P. Gatenholm

Chalmers University of Technology, Göteborg, Sweden

A. Harada

Osaka University, Toyonaka, Osaka, Japan

J. L. Jane

Iowa State University, Ames, Iowa, USA

S. Kasapis

National University of Singapore, Singapore

L. L. Lloyd

Polymer Laboratories Ltd., Shropshire, UK

**B.V. McCleary** 

Megazyme International Ireland Ltd, Bray, Co. Wicklow, Ireland

E. R. Morris

University College Cork, Ireland

V. J. Morris

Food Research Institute, Norwich, UK

R. A. A. Muzzarelli

University of Ancona, Italy

L. Piculell

Chemical Center, Lund University, Sweden

S. Pricl

University of Trieste, Trieste, Italy

S. B. Ross-Murphy

University of London, London, UK

P. A. Sandford

China Los Angeles, California, USA

P. Seib

Kansas State University, Kansas, USA

B. C. Simionescu

Romanian Academy, "Petru Poni" Institute of Macromolecular Chemistry, Iasi, Romania

O. Smidsrod

Norwegian University of Science and Technology, Trondheim, Norway

J.-F. Thibault

INRA, Nantes, France

S. Tokura

Department of Polymer Science, Hokkaido University, Sapporo, Japan

A. J. Varma

Chemical Engineering Division, National Chemical Laboratory, Pune, India

J. Vercelotti

V-LABS, Inc, LA, USA

L. Viikari

VTT Biotechnology & Food Research, Espoo, Finland

O Wand

Agriculture and Agri-Food Canada, Ontario, Canada

P. A. Williams

North East Wales Institute, Wrexham, UK

PII: S0144-8617(07)00190-7