

CARBOHYDRATE POLYMERS

A Journal Devoted to Scientific and Technological Aspects of Industrially Relevant Polysaccharides

Aims and Scope

Carbohydrate Polymers covers the study and exploitation of polymers of sugars which have current or potential industrial application in areas such as bioenergy, bioplastics, biorefining, drug delivery, food, industrial chemistry, packaging, paper, pharmaceuticals, medicine, oil recovery, paper, textiles and wood.

Topics include:

- studies of structure and properties
- biological and industrial development
- analytical methods
- chemical, enzymatic and physical modifications
- interactions with other materials

The role of the carbohydrate polymer must be central to the work reported, not peripheral. At least one named carbohydrate polymer must be cited and be the main focus of the title of the paper, and of the paper itself. Research must be innovative and advance scientific knowledge.

Examples of papers which are not appropriate for *Carbohydrate Polymers* include:

- papers which major in biological, physiological and pharmacological aspects of non-carbohydrate molecules attached to, or mixed with, carbohydrate polymers;
- papers on the materials science of biocomposites where there is no mention of any specific carbohydrate polymer, or the role of the carbohydrate polymer is not central to the study.
- papers majoring on polyalkanoates, polylactic acid or lignin
- routine studies of extraction yields without characterisation of the extracted polysaccharide
- applications of new polysaccharides where the structure of the polysaccharide is unknown. (If a new polysaccharide is used to be acceptable the paper must include some structural characterisation of the polysaccharide in addition to the application studies. Purity and monosaccharide composition are essential, some molecular size and linkage information is highly desirable.)

EDITORS

Professor J. F. KENNEDY
Professor of Applied Chemistry,
The North East Wales Institute,
Wrexham, UK
and
Advanced Science and
Technology
Institute, The Croft,
Bromsgrove, UK

Professor J. R. MITCHELL
School of Biological Sciences,
Division of Food Sciences,
University of Nottingham,
Sutton Bonington Campus,
Loughborough LE12 5RD, UK

ASSOCIATE EDITORS

Professor M.A. COIMBRA
University of Aveiro, Portugal

Professor K.J. EDGAR
Virginia Tech, Blacksburg, VA, USA

Professor R.A.A. MUZZARELLI
Università Politecnica delle Marche,
Ancona, Italy

EDITORIAL BOARD

J. N. BeMiller
Purdue University, West Lafayette, Indiana, USA

B.E. Christensen
Norwegian University of Science & Technology, Norway

Y. Du
Wuhan University, Wuhan, Hubei, People's Republic of China

A. Dufresne
Grenoble Institute of Technology, Saint Martin d'Hères, France

D. Dunstan
University of Melbourne, Australia

Y. Fang
Shaanxi Normal University, People's Republic of China

P. Fardim
Åbo Akademi University, Turku, Finland

H.-P. Fink
Fraunhofer Institute for Applied Polymer Research
Potsdam, Germany

M. J. Gidley
The University of Queensland, Australia

P.A. Gorin
Universidade Federal do Paraná, Curitiba, Parana, Brazil

T. Heinze
Friedrich Schiller University of Jena, Jena, Germany

J. L. Jane
Iowa State University, Ames, Iowa, USA

H. Liu
China University of Geosciences, Wuhan, China

P. Methacanon
Ministry of Science and Technology (Thailand), Pathumthani, Thailand

E. R. Morris
University College Cork, Ireland

V. J. Morris
Institute of Food Research, Norwich, UK

P. Prasertsan
Prince of Songkla University, Thailand

P. Seib
Kansas State University, Kansas, USA

I. Sims
Carbohydrate Chemistry, Industrial Research Limited, Lower Hutt, New Zealand

B. C. Simionescu
Romanian Academy, "Petru Poni" Institute of Macromolecular Chemistry, Iasi, Romania

A. J. Varma
Chemical Engineering Division, National Chemical Laboratory, Pune, India

J. Vercellotti
V-Labs Inc., Covington, Louisiana, USA

Q. Wang
Agriculture and Agri-Food Canada, Ontario, Canada

P.A. Williams
North East Wales Institute, Wrexham, UK