

# 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

#### **Professor R.C. SUN**

Beijing Forestry University, Beijing, China

### 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

**Publication Information:** *Carbohydrate Polymers* (ISSN 0144-8617). For 2014, volumes 100–114 are scheduled for publication. Subscription prices are available upon request from the Publisher or from the Elsevier Customer Service Department nearest you or from this journal's website (<http://www.elsevier.com/locate/carbpol>). Further information is available on this journal and other Elsevier products through Elsevier's website (<http://www.elsevier.com>). Subscriptions are accepted on a prepaid basis only and are entered on a calendar year basis. Issues are sent by standard mail (surface within Europe, air delivery outside Europe). Priority rates are available upon request. Claims for missing issues should be made within six months of the date of dispatch.

For a full and complete Guide for Authors, please go to: <http://www.elsevier.com/locate/carbpol>