

CARBOHYDRATE RESEARCH
EDITORS

D.C. Baker, Department of Chemistry, The University of Tennessee, Knoxville, TN 37996-1600, USA. E-mail: dcbaker@utk.edu

J. Defaye, Département de Pharmacochimie Moléculaire/Glucides, Université Joseph Fourier-Grenoble 1, BP 138, F-38243 Meylan cédex, France. E-mail: j.defaye@ujf-grenoble.fr

D. Horton, Department of Chemistry, The American University, 4400 Massachusetts Ave., N.W., Washington, DC 20016-8014, USA. E-mail: carbchm@american.edu

E.F. Hounsell, School of Biological and Chemical Sciences, Birkbeck University of London, Gordon House, 29 Gordon Square, London WC1H 0PP, UK. E-mail: e.hounsell@bbk.ac.uk

EDITORIAL BOARD

C. Augé (Orsay, France)	J.C. Jacquinet (Orléans, France)	A. Pilar Rauter (Lisbon, Portugal)
C. Bertozzi (Berkeley, CA, USA)	P.-E. Jansson (Huddinge, Sweden)	B.M. Pinto (Burnaby, BC, Canada)
G.-J. Boons (Athens, GA, USA)	H.J. Jennings (Ottawa, Canada)	J.F. Robyt (Ames, IA, USA)
C.A. Bush (Baltimore, MD, USA)	J. Jiménez-Barbero (Madrid, Spain)	W. Saenger (Berlin, Germany)
M.-S. Cai (Beijing, China)	C. Jones (Potters Bar, UK)	A. Savage (Galway, Ireland)
A. Cesàro (Trieste, Italy)	J.P. Kamerling (Utrecht, The Netherlands)	R.R. Schmidt (Konstanz, Germany)
R. Chandrasekaran (W Lafayette, IN, USA)	L. Kiessling (Madison, WI, USA)	P. Seeberger (Cambridge, MA, USA)
M. Chmielewski (Warsaw, Poland)	Y.A. Knirel (Moscow, Russian Federation)	M.L. Sinnott (Manchester, UK)
G. Davies (York, UK)	F. Kong (Beijing, China)	K. Sugahara (Kobe, Japan)
A.D. French (New Orleans, LA, USA)	P. Kováč (Bethesda, MD, USA)	J.E. Thiem (Hamburg, Germany)
R.H. Furneaux (Lower Hutt, New Zealand)	H. Kunz (Mainz, Germany)	J. Thomas-Oates (Manchester, UK)
J.M. García Fernández (Seville, Spain)	Y.C. Lee (Baltimore, MD, USA)	O. Varela (Buenos Aires, Argentina)
J. Gervay-Hague (Davis, CA, USA)	T. Lowary (Columbus, OH, USA)	E. Vinogradov (Ottawa, ON, Canada)
M. Gidley (Sharnbrook, UK)	M. Meldal (Copenhagen, Denmark)	J.F.G. Vliegenthart (Utrecht, The Netherlands)
G.R. Gray (Minneapolis, MN, USA)	P. Mischnick (Braunschweig, Germany)	M. von Itzstein (Queensland, Australia)
H. Hashimoto (Yokohama, Japan)	M. Palcic (Edmonton, Alta., Canada)	A.G.J. Voragen (Wageningen, The Netherlands)
S. Immel (Darmstadt, Germany)	L.A.S Parolis (Cape Town, South Africa)	S.G. Withers (Vancouver, BC, Canada)
H. Ishida (Gifu, Japan)	S. Pérez (Grenoble, France)	U. Zähringer (Borstel, Germany)
Y. Ito (Saitama, Japan)	M. Petitou (Paris, France)	

Publication information: *Carbohydrate Research* (ISSN 0008–6215). For 2002, volume 337 is scheduled for publication. Subscription prices are available upon request from the Publisher or from the Regional Sales Office nearest you or from this journal’s website (<http://www.elsevier.com/locate/carres>). Further information is available on this journal and other Elsevier Science 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.

Back Issues: Back issues of all previously published volumes are available direct from Elsevier Science Offices (Oxford and New York). Complete volumes and single issues can be purchased for 1999–2001. Earlier issues are available in high quality photo-duplicated copies as complete volumes only. Back volumes on microfilm are available from UMI, 300 North Zeeb Road, Ann Arbor, MI 48106, USA.

Periodicals postage is paid at Rahway, NJ. *Carbohydrate Research* (ISSN 0008–6215) is published bi-monthly by Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK. The US subscription price is \$5971 per year.

Carbohydrate Research is circulated by Mercury International Limited, 365 Blair Road, Avenel, NJ 07001, USA.

POSTMASTER: Please send address corrections to *Carbohydrate Reasearch*, c/o Customer Services, Elsevier Science Inc., 655 Avenue of the Americas, New York, NY 10010, USA.

Author enquiries

Authors can keep a track on the progress of their accepted article, and set up email alerts informing them of changes to their manuscript’s status, by using the “Track a Paper” feature of Elsevier’s Author Gateway (<http://authors.elsevier.com>).

Full details for the electronic submission of artwork can be obtained from: <http://authors.elsevier.com>

Contact details for questions arising after acceptance of an article, especially those relating to proofs, are provided when an article is accepted for publication. Additional information on the journal, including a detailed Guide for Authors may be found on the Elsevier Science web site: <http://www.elsevier.com/locate/carres> or <http://authors.elsevier.com>.

Orders, Claims, and Product Enquiries: Please contact the Customer Support Department at the Regional Sales Office nearest you:

New York: Elsevier Science, P.O. Box 945, New York, NY 10159-0945, USA; phone: (+1)212-633-3730 [toll free number for North American customers: 1-888-4ES-INFO (437-4636)], fax (+1)212-633-3680; e-mail: usinfo-f@elsevier.com **Amsterdam:** Elsevier Science, P.O. Box 211, 1000 AE Amsterdam, The Netherlands phone: (+31)20-485-3757; fax (+31)20-485-3432; e-mail nlinfo-f@elsevier.nl **Tokyo,** Elsevier Science, 9-15 Higashi-Azabu, 1-chome Minato-ku, Tokyo 106-0044, Japan; phone: (+81)3-5561-5033; fax (+81)3-5561-5047; e-mail info@elsevier.co.jp **Singapore:** Elsevier Science, No. 1 Temasek Avenue #17-01 Millenia Tower, Singapore 039192; phone: (+65)434-3727; fax (+65)337-2230; e-mail: asiainfo@elsevier.com.sg **Rio de Janeiro:** Elsevier Science, Rua Sete de Setembro 111/16 Andar, 20050-002 Centro, Rio de Janeiro-RJ, Brazil; phone: (+55) (21) 509 5340; fax: (+55) (21) 507 1991; e-mail: elsevier@campus.com.br [Note (Latin America): for orders, claims and help desk information, please contact the Regional Sales Office in New York as listed above]

Cover illustration: A fluorescence micrograph that depicts an aggregate of cancerous human leukocytes (Jurkat). Aggregation of these cells is promoted by an assembly of the tetrameric plant lectin concanavalin A (Con A) on a multivalent display of mannose (inset). The polymeric scaffold clusters the lectin, and the resulting complex binds with high avidity to pathogenic cells that display higher levels of specific glycoproteins. This approach may lead to new strategies for targeting pathogenic cells for clearance. The cells are labeled with Hoescht and viewed at 400× magnification. The scaffold-protein complex was assembled in SYBYL 6.2 and rendered in WebLabViewer Lite 4.0. Picture provided by Professor Laura L. Kiessling and H. Adam Steinberg, University of Wisconsin-Madison, USA.

Contents continued from outside back cover

Kristoffer Tømmeraas (Trondheim, Norway), Magnus Köping-Höggård (Uppsala, Sweden), Kjell M. Vårum, Bjørn E. Christensen (Trondheim, Norway), Per Artursson (Uppsala, Sweden), Olav Smidsrød (Trondheim, Norway)	2455	Preparation and characterisation of chitosans with oligosaccharide branches
--	------	---

Andrei V. Perepelov (Moscow, Russian Federation), Agnieszka Torzewska (Lodz, Poland), Alexander S. Shashkov (Moscow, Russian Federation), Andrzej Ziolkowski (Lodz, Poland), Sof'ya N. Senchenkova (Moscow, Russian Federation), Antoni Rozalski (Lodz, Poland), Yuriy A. Knirel (Moscow, Russian Federation)	2463	Structure of the O-specific polysaccharide of <i>Proteus vulgaris</i> O15 containing a novel regioisomer of <i>N</i> -acetylmuramic acid, 2-acetamido-4- <i>O</i> -[(<i>R</i>)-1-carboxyethyl]-2-deoxy-D-glucose
--	------	--

Byung Yun Yang, Qiong Ding, Rex Montgomery (Iowa City, IA, USA)	2469	Extracellular polysaccharides of <i>Erwinia futululu</i> , a bacterium associated with a fungal canker disease of <i>Eucalyptus</i> spp.
--	------	--

Thomas Stoll, Andreas Schieber, Reinhold Carle (Stuttgart, Germany)	2481	High-performance liquid chromatographic separation and on-line mass spectrometric detection of saturated and unsaturated oligogalacturonic acids
--	------	--

Thammarat Aree (Bangkok, Thailand), Narongsak Chaichit (Pathum Thani, Thailand)	2487	Crystal structure of β-cyclodextrin–dimethylsulfoxide inclusion complex
--	------	---

Notes

Tanya Abel, JaimeLee Iolani Cohen (New York, NY, USA), Robert Engel (Flushing, NY, USA), Maya Filshinskaya (New York, NY, USA), Alice Melkonian, Karin Melkonian (Greenville, NY, USA)	2495	Preparation and investigation of antibacterial carbohydrate-based surfaces
---	------	--

Aida M. Moreira da Silva (Coimbra, Portugal), José M. A. Empis (Lisboa, Portugal), José J. C. Teixeira-Dias (Aveiro, Portugal)	2501	Inclusion of carvone enantiomers in cyclomaltoheptaose (β-cyclodextrin): thermal behaviour and H→D and D→H exchange
---	------	---

Paola Cescutti, Cristiana Campa, Franco Delben, Roberto Rizzo (Trieste, Italy)	2505	Structure of the oligomers obtained by enzymatic hydrolysis of the glucomannan produced by the plant <i>Amorphophallus konjac</i>
---	------	---

Keith Clinch, Gary B. Evans, Richard H. Furneaux, Phillip M. Rendle (Lower Hutt, New Zealand), Phillippa L. Rhodes, Anthony M. Robertson, Douglas I. Rosendale (Auckland, New Zealand), Peter C. Tyler (Lower Hutt, New Zealand), Damian P. Wright (Auckland, New Zealand)	2513	Corrigendum
---	------	-------------

I	Author Index of Volume 337
IX	Subject Index of Volume 337
XLIII	Contents of Volume 337