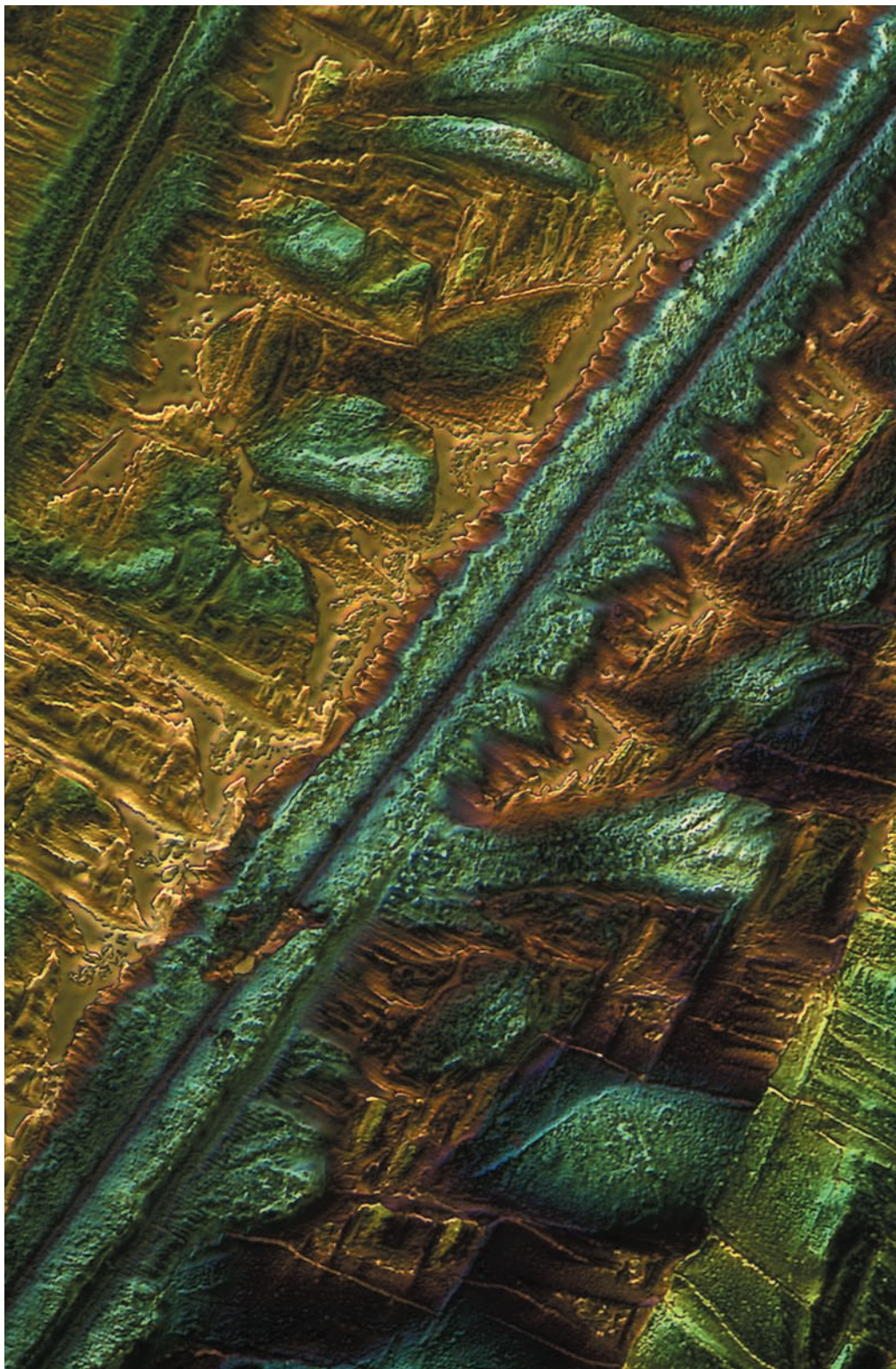


# Chromatographic Science®

## IN THIS ISSUE:

- *CAPILLARY ELECTROPHORESIS FOR SIMULTANEOUS ANALYSIS OF HEPARIN, CHONDROITIN SULFATE AND HYALURONIC ACID AND ITS APPLICATION IN PREPARATIONS AND SYNOVIAL FLUID*
- *GAS CHROMATOGRAPHIC DETERMINATION OF GUANIDINO COMPOUNDS IN UREMIC PATIENTS USING GLYOXAL AS DERIVATIZING REAGENT*
- *DETERMINATION OF SEVEN NITROBENZENE COMPOUNDS IN MAINSTREAM CIGARETTE SMOKE WITH HEART-CUTTING TWO-DIMENSIONAL GAS CHROMATOGRAPHY*
- *SIMPLE AND LOW-COST HIGH-PERFORMANCE LIQUID CHROMATOGRAPHIC METHOD FOR DETERMINATION OF D- AND L-AMINO ACIDS*
- *SIMULTANEOUS DETERMINATION OF NINE RELATED SUBSTANCES IN p-PHTHALIC ACID RESIDUE BY RP-HPLC*
- *SIMULTANEOUS DETERMINATION OF SULFONAMIDES, PENICILLINS AND COCCIDIOSTATS IN PORK BY HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY-TANDEM MASS SPECTROMETRY*
- *DETERMINATION OF BUPROPION USING LIQUID CHROMATOGRAPHY WITH FLUORESCENCE DETECTION IN PHARMACEUTICAL PREPARATIONS, HUMAN PLASMA AND HUMAN URINE*
- *A VALIDATED LC METHOD FOR DETERMINATION OF 2,3 DICHLOROBENZOIC ACID AND ITS ASSOCIATED REGIO ISOMERS*
- *AND MORE...*



JOURNAL OF

# Chromatographic Science

***Publisher***

Todd Hummel

***Co-Editors***

Huba Kalász Neil Danielson

***Managing Editor***

Margaret Searle

***Associate Editors***

Gary D. Byrd

Roger K. Gilpin Brian A. Bidlingmeyer

C. Randall Clark Sterling A. Tomellini

***Advertising Sales***

Allan Kolstein

allan.kolstein@oup.com

***Production***

Katie Heath

jchromsci@oup.com

***Art***

Lynne Anderson, Director

Mila Ryk

***Editorial Advisory Board***

Lars Blomberg  
Guenther Bonn  
William A. Dark  
Frank P. DiSanzo  
Karen Gilbert  
Lee Goodwin  
Georges Guiochon  
András Guttman  
Dennis Jenke  
Kiyokatsu Jinno  
Roman Kaliszan  
Joseph Kirkland  
Imre Klebovich

Teresa Kowalska  
René Lafont  
Fernando M. Lanças  
Sam Fong Yau Li  
Ching-Erh Lin  
David C. Locke  
Fred Rabel  
Marja-Liisa Riekkola  
Dean Rood  
Shahab A. Shamsi  
Jody Shoemaker  
Larry T. Taylor  
Paraskevas Tzanavaras

## Subscriptions

A subscription to the *Journal of Chromatographic Science* comprises 10 issues. Prices include dispatch by Standard Air. Airmail rates are available on request. The *Journal of Chromatographic Science* Advance Access contains papers that have recently been accepted but have not yet been included within an issue. Advance Access is updated daily.

Annual Subscription Rate (Volume 50, 10 issues, 2012)

### Institutional

Print and online access: £333/\$635/€501

Print edition only: £303/\$575/€455

Site-wide online access only: £303/\$575/€455

Please note: UK& rate applies to UK and Rest of World, except US and Canada (US\$) and Europe (Eur€). There are other subscription rates available; for a complete listing, please visit [http://www.oxfordjournals.org/our\\_journals/chromsci/access\\_purchase/price\\_list.html](http://www.oxfordjournals.org/our_journals/chromsci/access_purchase/price_list.html).

Full prepayment in the correct currency is required for all orders. Payment should be in US dollars for orders being delivered to the USA or Canada; Euros for orders being delivered within Europe (excluding the UK); GBP Sterling for orders being delivered elsewhere (i.e., not being delivered to USA, Canada, or Europe). All orders should be accompanied by full payment and sent to your nearest Oxford Journals office. Subscriptions are accepted for complete volumes only. Orders are regarded as firm, and payments are not refundable. Our prices include dispatch by Standard Air. Claims must be notified within four months of dispatch/order date (whichever is later). Subscriptions in the EEC may be subject to European VAT. If registered, please supply details to avoid unnecessary charges. For subscriptions that include online versions, a proportion of the subscription price may be subject to UK VAT. Subscribers in Canada, please add GST to the prices quoted. Personal rate subscriptions are only available if payment is made by personal cheque or credit card, delivery is to a private address, and is for personal use only.

The current year and two previous years' issues are available from Oxford University Press. Previous volumes can be obtained from the Periodicals Service Company, 11 Main Street, Germantown, NY 12526, USA. E-mail: [psc@periodicals.com](mailto:psc@periodicals.com). Tel: (518) 537-4700. Fax: (518) 537-5899.

### Contact information

Journals Customer Service Department, Oxford Journals, Great Clarendon Street, Oxford OX2 6DP, UK. E-mail: [jnls.cust.serv@oup.com](mailto:jnls.cust.serv@oup.com). Tel: +44 (0)1865 353907. Fax: +44 (0)1865 353485. **In the Americas, please contact:** Journals Customer Service Department, Oxford Journals, 2001 Evans Road, Cary, NC 27513, USA. E-mail: [jnlorders@oup.com](mailto:jnlorders@oup.com). Tel: (800) 852-7323 (toll-free in USA/Canada) or (919) 677-0977. Fax: (919) 677-1714. **In Japan, please contact:** Journals Customer Service Department, Oxford Journals, 4-5-10-8F Shiba, Minato-ku, Tokyo, 108-8386, Japan. E-mail: [custserv.jp@oup.com](mailto:custserv.jp@oup.com). Tel: (81) 3 5444 5858. Fax: (81) 3 3454 2929.

### Methods of payment

Payment should be made: by cheque (to Oxford Journals, Cashiers Office, Great Clarendon Street, Oxford, OX2 6DP, UK); by bank transfer [to Barclays Bank Plc, Oxford Office, Oxford (bank sort code 20-65-18) (UK); overseas only Swift code BARC GB22 (GB& Sterling Account no. 70299332, IBAN GB89BARC20651870299332; US\$ Dollars Account no. 66014600, IBAN GB27BARC20651866014600; EU€ EURO Account no. 78923655, IBAN GB16BARC20651878923655]; or by credit card (Mastercard, Visa, Switch or American Express).

### Postal information

The *Journal of Chromatographic Science* (ISSN: 0021-9665) is published ten times per year in January, February, March, April, May, July,

August, September, October, and November by Oxford University Press, and is distributed by 2001 Evans Road, Cary, NC27513-2009, USA.

Periodicals Postage Paid at Cary, NC, and additional mailing offices. POSTMASTER: Send address changes to the *Journal of Chromatographic Science*, Journals Customer Service Department, Oxford University Press, 2001 Evans Road, Cary, NC 27513-2009.

### Environmental and ethical policies

Oxford Journals, a division of Oxford University Press, is committed to working with the global community to bring the highest quality research to the widest possible audience. Oxford Journals will protect the environment by implementing environmentally friendly policies and practices wherever possible. Please see <http://www.oxfordjournals.org/ethicalpolicies.html> for further information on environmental and ethical policies.

### Digital object identifiers

For information on dois and to resolve them, please visit [www.doi.org](http://www.doi.org).

### Permissions

For information on how to request permissions to reproduce articles or information from this journal, please visit [www.oxfordjournals.org/permissions](http://www.oxfordjournals.org/permissions).

### Advertising

Advertising, inserts, and artwork enquiries should be addressed to Advertising and Special Sales, Oxford Journals, Oxford University Press, Great Clarendon Street, Oxford, OX2 6DP, UK. Tel: +44 (0)1865 354767; Fax: +44 (0)1865 353774; E-mail: [jnlsadvertising@oup.com](mailto:jnlsadvertising@oup.com).

### Disclaimer

Statements of fact and opinion in the articles in the *Journal of Chromatographic Science* are those of the respective authors and contributors and not of the *Journal of Chromatographic Science* or Oxford University Press. Neither Oxford University Press nor the *Journal of Chromatographic Science* make any representation, express or implied, in respect of the accuracy of the material in this journal and cannot accept any legal responsibility or liability for any errors or omissions that may be made. The reader should make her or his own evaluation as to the appropriateness or otherwise of any experimental technique described.

Copyright © Oxford University Press 2012.

### Indexing/Abstracting.

All rights reserved; no part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise without prior written permission of the publisher or a license permitting restricted copying issued in the UK by the Copyright Licensing Agency Ltd, 90 Tottenham Court Road, London W1P 9HE, or in the USA by the Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923.

### Instructions for Authors

Full instructions for manuscript preparation and submission can be found at: [http://www.oxfordjournals.org/our\\_journals/chromsci/for\\_authors/](http://www.oxfordjournals.org/our_journals/chromsci/for_authors/).

Typeset by Techset, Chennai, India; Printed by The Sheridan Press, Philadelphia, USA.

Oxford University Press is a department of the University of Oxford. It furthers the University's objective of excellence in research, scholarship, and education by publishing worldwide.