

---

# Metabolism

## *Clinical and Experimental*

---

**Metabolism** (ISSN 0026-0495) is published monthly by Elsevier Inc., 360 Park Avenue South, New York, NY 10010-1710. Business Office: 1600 John F. Kennedy Blvd., Ste. 1800, Philadelphia, PA 19103-2899. Customer Service Office: 11830 Westline Industrial Drive, St. Louis, MO 63146. Periodicals postage paid at New York, NY and additional mailing offices.

**POSTMASTER:** Send address changes to *Metabolism*, Elsevier Customer Service, 11830 Westline Industrial Drive, St. Louis, MO 63146.

Editorial correspondence should be addressed to James B. Field, MD, Eight Windmill Point Lane, Hampton, VA 23664-2129. Telephone/Fax: 757-850-2826; E-mail: [metabolismjournal@yahoo.com](mailto:metabolismjournal@yahoo.com).

For inquiries relating to the submission of articles (including electronic submission where available), please visit [www.elsevier.com/authors](http://www.elsevier.com/authors). This site also provides the facility to track accepted articles and set up e-mail alerts to inform you of when an article's status has changed, as well as detailed artwork guidelines, copyright information, frequently asked questions, and more. Please see Information for Authors for individual journal requirements. Contact details for questions arising after acceptance of an article, especially those relating to proofs, are provided after registration of an article for publication.

**Customer Service** (orders, claims, online, change of address): Elsevier Periodicals Customer Service, 11830 Westline Industrial Drive, St. Louis, MO 63146. Telephone: 1-800-654-2452 (United States and Canada); 1-314-453-7041 (outside US and Canada). Fax: 1-314-523-5170. E-mail: [journalscustomerservice-usa@elsevier.com](mailto:journalscustomerservice-usa@elsevier.com) (for print support); [journalsonlinesupport@elsevier.com](mailto:journalsonlinesupport@elsevier.com) (for online support).

Yearly subscription rates: United States and possessions: individual, \$406.00; institution, \$681.00. All other countries: individual, \$654.00; institution, \$911.00. For all areas outside the United States and possessions, there is no additional charge for surface delivery. Student/Resident rate: United States and possessions, \$193.00; all other countries, \$310.00. To receive student/resident rate, orders must be accompanied by name of affiliated institution, date of term, and the *signature* of program/residency coordinator on institution letterhead. Orders will be billed at individual rate until proof of status is received. Journal orders are payable in advance. Current prices are in effect for back volumes and back issues. Back issues sold in conjunction with a subscription are on a prorated basis. Single issues, both current and back, exist in limited quantities and are offered for sale subject to availability. Prices are subject to change without notice.

**Reprints:** For 100 or more copies of an article in this publication, please contact the Commercial Reprints Department, Elsevier, 360 Park Ave South, New York, NY 10010-1710. Telephone (212) 633-3812, fax (212) 462-1935; E-mail [reprints@elsevier.com](mailto:reprints@elsevier.com) or visit [www.elsevierreprints.com](http://www.elsevierreprints.com).

Advertising representative: John Marmero, Jr, Elsevier, 360 Park Ave South, 9th floor, New York, NY 10010. Tel: 212-633-3657; fax: 212-633-3820; E-mail [j.marmero@elsevier.com](mailto:j.marmero@elsevier.com).

© 2009 Elsevier Inc. All rights reserved. This journal and the individual contributions contained in it are protected under copyright by Elsevier Inc, and the following terms and conditions apply to their use:

**Photocopying:** Single photocopies of single articles may be made for personal use as allowed by national copyright laws. Permission of the Publisher and payment of a fee is required for all other photocopying, including multiple or systematic copying, copying for advertising or promotional purposes, resale, and all forms of document delivery. Special rates are available for educational institutions that wish to make photocopies for non-profit educational classroom use.

For information on how to seek permission visit [www.elsevier.com/permissions](http://www.elsevier.com/permissions) or call: (+44) 1865 843830 (UK) / (+1) 215 239 3804 (USA).

**Derivative Works:** Subscribers may reproduce tables of contents or prepare lists of articles including abstracts for internal circulation within their institutions. Permission of the Publisher is required for resale or distribution outside the institution. Permission of the Publisher is required for all other derivative works, including compilations and translations (please consult [www.elsevier.com/permissions](http://www.elsevier.com/permissions)).

**Electronic Storage or Usage:** Permission of the Publisher is required to store or use electronically any material contained in this journal, including any article or part of an article (please consult [www.elsevier.com/permissions](http://www.elsevier.com/permissions)).

Except as outlined above, 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.

**Notice:** No responsibility is assumed by the Publisher for any injury and/or damage to persons or property as a matter of products liability, negligence or otherwise, or from any use or operation of any methods, products, instructions or ideas contained in the material herein. Because of rapid advances in the medical sciences, in particular, independent verification of diagnoses and drug dosages should be made. Although all advertising material is expected to conform to ethical (medical) standards, inclusion in this publication does not constitute a guarantee or endorsement of the quality or value of such product or of the claims made of it by its manufacturer.



ELSEVIER