

PUBLISHER

The Journal of Investigative Dermatology (ISSN: 0022-202X) is published monthly by Elsevier, 230 Park Avenue, Suite 800, New York, NY 10169. Periodicals postage paid in New York, NY and additional mailing offices. POSTMASTER: Send address changes to *The Journal of Investigative Dermatology*, Elsevier Health Sciences Division, Subscription Customer Service, 3251 Riverport Lane, Maryland Heights, MO 63043.

Copyright © 2021 Society for Investigative Dermatology, Inc. ISSN 0022-202X

SCOPE

The Journal of Investigative Dermatology is published monthly in print and online. The journal provides an international forum for the publication of high-quality, original articles. JID features information on all aspects of cutaneous biology and skin disease.

This journal is covered by Adonis, BIOSIS, CAB Abstracts, Chemical Abstracts Databases, CurrentContents/ClinicalMedicine, CurrentContents/Life Sciences, Derwent Journals Abstracted, EBSCO, Embase/Excerpta Medica, Global Health, Index Medicus/MEDLINE, International Pharmaceutical Abstracts, PASCAL, Reference Update, Science Citation Index, SciSearch/SCI Expanded, Sociedad Iberoamericana de Informacion Cientifica (SIIC) Database.

EDITORIAL

All correspondence should be addressed to: Elizabeth Blalock, Managing Editor for *The Journal of Investigative Dermatology*, P.O. Box 429, Chapel Hill, NC 27514. Tel: +1 919 932 0140. E-mail: JIDoffice@sidnet.org. All manuscripts should be submitted online at: <http://jid.manuscriptcentral.com>.

SOCIETY

For information, contact the Society for Investigative Dermatology at sid@sidnet.org or the European Society for Dermatological Research at office@esdr.org. Detailed instructions to authors are available at the journal website, www.jidonline.org.

CUSTOMER SERVICE

Address orders, claims, change of address to: Elsevier Health Sciences Division, Subscription Customer Service, 3251 Riverport Lane, Maryland Heights, MO 63043. Tel: +1 800 654 2452 (toll free US and Canada); +1 314 447 8871 (outside US and Canada). Fax: +1 314 447 8029. E-mail: JournalsCustomerService-usa@elsevier.com (for print support); JournalsOnlineSupport-usa@elsevier.com (for online support). Address changes must be submitted four weeks in advance.

SUBSCRIPTIONS

Personal print & electronic subscriptions: \$1,011 US, \$1,247 Canada, \$1,199 Rest of World

Personal electronic subscriptions: \$875 US, \$841 Rest of World

Further information on this journal is available from the Publisher or from this journal's Web site, www.jidonline.org. Information on other Elsevier products is available through Elsevier's Web site, www.elsevier.com.

Contact information: Tel: +1 800 654 2452 (toll free US & Canada), +1 314 447 8871 (Rest of World). E-mail: JournalCustomerService-usa@elsevier.com.

Prices include postage and are subject to change without notice. Single issues of *The Journal of Investigative Dermatology* are available.

INFORMATION FOR ADVERTISERS

Advertising orders and inquiries can be sent to: US, Canada, and South America, Roxana Muniz, Elsevier, 230 Park Avenue, Suite 800, New York, NY 10169; Tel: +1 347 702 0380; Fax: +1 212 633 3820; E-mail: r.muniz@elsevier.com. Classified advertising orders and inquiries can be sent to Adam Moorad, 230 Park Avenue, Suite 800, New York, NY 10169; Tel: +1 212 633 3122; Fax: +1 212 633 3820; E-mail: a.moorad@elsevier.com. Europe & the rest of the world, Carol Clark, E-mail: ca.clark@elsevier.com.

SUPPLEMENTS

Inquiries concerning supplements should be addressed to: Craig Smith, Tel: +1 212 462 1933; E-mail: c.smith@elsevier.com.

INFORMATION FOR AUTHORS

For inquiries relating to the submission of articles, please visit <http://authors.elsevier.com>. To submit a manuscript to *The Journal of Investigative Dermatology*, please visit <https://mc.manuscriptcentral.com/jid>. This site also provides detailed Information for Authors. Contact details for questions arising after acceptance of an article, especially those relating to proofs, are provided after registration of an article for publication.

REPRINTS

For queries about author offprints, e-mail authorsupport@elsevier.com. To order 100 or more reprints for educational, commercial, or promotional use, contact Derrick Imasa at Elsevier Inc, 230 Park Avenue, Suite 800, New York, NY 10169; Tel: +1 215 633 3874; Fax: +1 212 462 1935; E-mail: reprints@elsevier.com. Reprints of single articles available online may be obtained by purchasing Pay-Per-View access for \$31.50 per article on the journal Web site, www.jidonline.org.

PERMISSIONS

This journal and the individual contributions contained in it are protected under copyright, and the following terms and conditions apply to their use in addition to the terms of any Creative Commons or other user license that has been applied by the publisher to an individual article:

Photocopying: Single photocopies of single articles may be made for personal use as allowed by national copyright laws. Permission is not required for photocopying of articles published under the CC BY license nor for photocopying for non-commercial purposes in accordance with any other user license applied by the publisher. 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.

Derivative Works: Users may reproduce tables of contents or prepare lists of articles including abstracts for internal circulation within their institutions or companies. Other than for articles published under the CC BY license, permission of the publisher is required for resale or distribution outside the subscribing institution or company. For any subscribed articles or articles published under a CC BY-NC-ND license, permission of the publisher is required for all other derivative works, including compilations and translations.

Storage or Usage: Except as outlined above or as set out in the relevant user license, 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.

Address permissions requests to: Elsevier Rights Department, at the fax and e-mail addresses noted below. For information on how to seek permission visit www.elsevier.com/permissions or call: +44 1865 843830 (UK) / +1 215 239 3804 (US). In the US, users may clear permissions and make payments through the Copyright Clearance Center, Inc, 222 Rosewood Drive, Danvers, MA 01923, USA; Tel: +1 978 750 8400. In the UK, users may clear permissions through the Copyright Licensing Agency Rapid Clearance Service (CLARCS), 90 Tottenham Court Road, London W1P 0LP, UK; Tel: +44 20 7631 5555. Other countries may have a local reprographic rights agency for payments.

Printed on acid-free paper, effective with Volume 126, Issue 1, 2006

NOTICE

No responsibility is assumed by the Society for Investigative Dermatology, the editors, the publisher, or their respective employees, officers, or agents for any injury and/or damage to persons or property as a matter of product liability, negligence or otherwise, or from any use or operation of any methods, products, instructions or ideas contained in the material herein. These are the responsibility of the contributor. 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.