

Editor-in-Chief
C. Soon Lee (Australia)

Editors
Runjan Chetty (Reviews; UK)
Dhiren Govender (Regional Editor for Africa; South Africa)
Jonathan R Kerr (Microbiology; UK)
C. Soon Lee (Histopathology; Australia)
Mary Frances McMullin (Haematology; UK)
Tahir Pillay (Chemical Pathology; South Africa)
Jorge Reis-Filho (Molecular Pathology; UK)
Joe Unsworth (Immunology; UK)

Web Editor
Dhiren Govender (South Africa)

Best Practice Editors
Rousseau Gama (Chemical Pathology; UK)
Joe Unsworth (Immunology; UK)
Jonathan R Kerr (Microbiology; UK)
Mark Heatley (Histopathology; UK)

Statistical Editor
Angie Wade (UK)

Impact Factor: 2.475

Disclaimer: Journal of Clinical Pathology is owned and published by the Association of Clinical Pathologists and BMJ Publishing Group Ltd, a wholly owned subsidiary of the British Medical Association. The owners grant editorial freedom to the Editor of Journal of Clinical Pathology. Journal of Clinical Pathology follows guidelines on editorial independence produced by the World Association of Medical Editors and the code on good publication practice of the Committee on Publication Ethics.

Journal of Clinical Pathology is intended for medical professionals and is provided without warranty, express or implied. Statements in the journal are the responsibility of their authors and advertisers and not authors' institutions, the BMJ Publishing Group Ltd or the BMA unless otherwise specified or determined by law. Acceptance of advertising does not imply endorsement.

To the fullest extent permitted by law, the BMJ Publishing Group Ltd shall not be liable for any loss, injury or damage resulting from the use of Journal of Clinical Pathology or any information in it whether based on contract, tort or otherwise. Readers are advised to verify any information they choose to rely on.

Copyright: © 2011 BMJ Publishing Group Ltd and the Association of Clinical Pathologists. 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 the prior permission of Journal of Clinical Pathology.

Journal of Clinical Pathology is published by BMJ Publishing Group Ltd, typeset by TNQ and printed in the UK on acid-free paper by Latimer Trend & Co Ltd, Plymouth.

Journal of Clinical Pathology (ISSN No: 0021-9746) is published monthly by BMJ Publishing Group and distributed in the USA by Mercury International Ltd. Periodicals postage paid at Rahway, NJ. POSTMASTER: send address changes to *Journal of Clinical Pathology*, Mercury International Ltd., 365 Blair Road, Avenel, NJ, 07001, USA.

Journal of Clinical Pathology

Journal of the Association of Clinical Pathologists

JCP is a core publication for workers in all disciplines of pathology. Clinical pathology is its central theme but the journal also publishes basic science papers with a clear clinical application

International Advisory Board

F Al-Mulla (Kuwait), S Asa (Canada), S Badve (USA), F Baehner (USA), B Bandarchi (Canada), M Catherwood (Ireland), S Chakraborty (USA), L Cheng (USA), K Cooper (USA), F Couto (India), P Coyle (UK), M Crook (UK), G Cserni (Hungary), A P Dei Tos (Italy), B Delahunt (New Zealand), S Devaraj (USA), R Drut (Argentina), W Erber (UK), A Folpe (USA), W Foulkes (USA), S Fox (Australia), D Ghazarian (Canada), A Giordano (USA), O Harada (Japan), C-C Huang (Taiwan), W Irving (UK), J Iqbal (Singapore), C Jones (UK), K Kerr (UK), T-H Koh (Singapore), C Le Roux (UK), A S-Y Leong (Malaysia), S-Y Leung (Hong Kong), K H Lim (Singapore), S Marshall (UK), G McCluggage (UK), M F McMullin (UK), E Montgomery (USA), T Mori (Japan), T Moriya (Japan), S Nayler (South Africa), H-K Ng (Hong Kong), J J O'Leary (Ireland), A Oliveira (USA), M Papotti (Italy), G Perry (USA), T Reynolds (UK), M Salto-Tellez (Singapore), F Schmitt (Portugal), J Y Scoazec (France), B Simpson (UK), P H Tan (Singapore), S Y Tan (Singapore), G Tse (Hong Kong), P Twomey (UK), A Vincent-Salomon (France), J Wainscoat (UK), A Williams (UK), I S Young (Northern Ireland), J Yuan (USA), Editor, BMJ

Association of Clinical Pathologists

President
R P Reid

President-Elect
T J Stephenson

Vice-Presidents
A Galloway
E Watts

Chairman of Council
W J Fuggle

Honorary Secretary

Honorary Treasurer
D Bareford

General Administrator

Ms Alison Martin,
189 Dyke Road, Hove,
East Sussex BN3 1TL UK
T: +44 (0)1273 775 700
F: +44 (0)1273 773 303
E: info@pathologists.org.uk
http://pathologists.org.uk



JCP Online Archive

The full back archive of Journal of Clinical Pathology is now available from 1969 at <http://jcp.bmj.com/>. Users have FREE access to all articles, older than 12 months*, right back to Volume 1, Issue 1. The online archives were digitised with the help of the US National Library of Medicine.

Personal subscribers must sign in to access this content. Users not covered by an institutional or personal subscription will have to complete a one-time registration that grants access to all archive content, across all our titles.

*Articles that are 12 months old or less require a subscription to access them.

Subscription Information

Journal of Clinical Pathology is published monthly (subscribers have access to all supplements)

Institutional Rates 2011

Print
£606; US\$1182; €819

Online

Site licences are priced on FTE basis and allow access by the whole institution. Print is available at deeply discounted rates for online subscribers; details available online at <http://group.bmj.com/group/subs-sales/subscriptions> or contact the Subscription Manager in the UK (see above right)

Residents of some EC countries must pay VAT; for details call us or visit <http://group.bmj.com/group/subs-sales/subscriptions/subs-vat>

Personal Rates 2011

Print (includes online access at no additional cost)
£230; US\$449; €311

Online only
£118; US\$231; €160

ISSN: 0021 9746 (print)
ISSN: 1472 4146 (online)

Personal print or online only and institutional print subscriptions may be purchased online at <http://group.bmj.com/group/subs-sales/subscriptions> (payment by MasterCard/Visa only).

Contact Details

Editorial Office

BMJ Publishing Group Ltd, BMA House, Tavistock Square, London WC1H 9JR, UK
T: +44 (0)20 7383 6309
F: +44 (0)20 7383 6668
E: jclinpath@bmjgroup.com

Permissions

<http://journals.bmj.com/misc/permissions.dtl>

Supplement Enquiries

T: +44 (0)20 7383 6795
F: +44 (0)20 7554 6668
E: craybould@bmjgroup.com

Subscriptions

T: +44 (0)20 7383 6270
F: +44 (0)20 7383 6402
E: support@bmjgroup.com

Display Advertising Sales

Nick Gray (Sales Manager)
T: +44 (0)20 7383 6386
F: +44 (0)20 7383 6556
E: ngray@bmjgroup.com
<http://group.bmj.com/group/advertising>

Online Advertising Sales

Marc Clifford (Sales Manager)
T: +44 (0) 20 7383 6161
F: +44 (0) 20 7383 6556
E: mclifford@bmjgroup.com
<http://group.bmj.com/group/advertising>

Reprints

Dennis Barber
T: +44 (0)20 7383 6305
F: +44 (0)207 554 6185
E: admin.reprints@bmjgroup.com

Commercial Reprints (except USA & Canada)

Nadia Gurney-Randall
T: +44 (0)20 8445 5825
F: +44 (0)20 8445 5870
M: +44 (0)7866 262344
E: ngurneyrandall@bmjgroup.com

Commercial Reprints (USA & Canada)

Marsha Fogler
T: +1 800 482 1450 (toll free in the USA)
T: +1 856 489 4446 (outside the USA)
F: +1 856 489 4449
E: mfogler@bmjgroup.com

Guidelines for Authors and Reviewers

Full instructions are available online at <http://jcp.bmj.com/ifora>. Articles must be submitted electronically <http://submit-jcp.bmj.com>. Authors retain copyright but are required to grant Journal of Clinical Pathology an exclusive licence to publish <http://jcp.bmj.com/ifora/licence.dtl>