International Psychogeriatrics

journals.cambridge.org/ipg



The Official Journal of the International Psychogeriatric Association *Better Mental Health for Older People*





CAMBRIDGE

International Psychogeriatrics

Paul Merrick



Editorial Panel

EDITOR-IN-CHIEF **David Ames** Melbourne, Australia

DEPUTY EDITORS

Nicola Lautenschlager Melbourne, Australia John O'Brien Newcastle, UK

ASSOCIATE EDITORS

Ricardo Allegri Buenos Aires, Argentina Osvaldo Almeida Perth, Australia Dag Årsland Stavanger, Norway

Olusegun Baiyewu *Ibadan, Nigeria*

Robert Baldwin Manchester, UK Susan Benbow Wolverhampton, UK

Henry Brodaty Sydney, Australia

Alistair Burns Manchester, UK

Helen Fung-kum Chiu Hong Kong, China Jiska Cohen-Mansfield

Rockville, MD, USA Martin Cole

Montreal, Canada
Claudia Cooper

London, UK Michael Davidson Tel-Hashomer, Israel

Engin Eker Istanbul, Turkey

Hans Förstl Munich, Germany

Mary Ganguli Pittsburgh, PA, USA

Serge Gauthier Montreal, Canada

Janice Graham Halifax, Canada

Thea Heeren Zeist, The Netherlands

Akira Homma Tokyo, Japan

K. S. Jacob Vellore, India

S. Kalyanasundaram Bangalore, India Sirkka-Liisa Kivelä

Turku, Finland Brian Lawlor Dublin, Ireland

João Carlos Barbosa Machado Belo Horizonte, Brazil Raimundo Mateos

Santiago de Compostela, Spain

Auchland New Zealand Aleksandra Milićević-Kalašić Relgrade, Serbia Peter Rabins Baltimore, MD, USA Craig Ritchie London, UK Karen Ritchie Montpellier, France Robert Robinson Iowa City, IA, USA Ajit Shah London, UK Gary Small Los Angeles, CA, USA Sergio Starkstein Perth, Australia Guk-Hee Suh Seoul, South Korea

Donny Hin-Yeung Tsang Pu Tz City, Taiwan

Tischa van der Cammen Rotterdam, The Netherlands

Johannes Wancata Vienna, Austria Xin Yu Beijing, China

MANAGING EDITOR Susan M. Oster

Northfield, IL, USA

CHAIRMAN IPA PUBLICATIONS COMMITTEE Michael Davidson

Tel-Hashomer, Israel
STATISTICAL ADVISOR

John Chibnall St. Louis, MO, USA

BOOK REVIEW EDITOR

Michael Philpot London, UK

FOUNDER EDITOR Gene Cohen Kensington, MD, USA

EDITOR EMERITUS Robin Eastwood

Bere Ferrers, UK
PAST EDITORS

Manfred Bergener Gene Cohen Robin Eastwood Sanford Finkel Kazuo Hasegawa Akira Homma

ASSISTANT TO THE EDITOR-IN-CHIEF

> Marilyn Kemp Melbourne, Australia

Subscriptions

International Psychogeriatrics (ISSN 1041-6102) is published six times (February, April, June, August, October and December) (21). The annual subscription price (excluding VAT), including delivery by air where appropriate, plus electronic access for subscribers of Volume 21 is £375 (US\$732 in the USA, Canada and Mexico) for institutions; £170 (US\$332 in the USA, Canada and Mexico) for individuals ordering direct from the publisher and certifying that the journal is for their personal use. Single parts are £64 (US\$124 in the USA, Canada and Mexico) plus postage. The electronic only price and print only price available to institutional subscribers is £320 and £348 (US\$624 and \$678 in the USA, Canada and Mexico), respectively. Orders, which must be accompanied by payment, may be sent to a bookseller, subscription agent or to the publisher: Cambridge University Press, The Edinburgh Building, Shaftesbury Road, Cambridge CB2 8RU, UK; or in the USA, Canada and Mexico: Cambridge University Press, Journals Fulfillment Department, 100 Brook Hill Drive, West Nyack, New York 10994-2133. EU subscribers (outside the UK) who are not registered for VAT should add VAT at their country's rate. VAT registered subscribers should provide their VAT registration number. Japanese prices for institutions are available from: Kinokuniya Company Ltd, PO Box 55, Chitose, Tokyo 156, Japan. Periodicals postage paid at New York, NY, and at additional mailing offices. POSTMASTER: send address changes in USA, Canada and Mexico to: International Psychogeriatrics, Cambridge University Press, 100 Brook Hill Drive, West Nyack, New York 10994-2133. Claims for missing issues should be made immediately on receipt of the subsequent issue.

Internet access

This journal is included in the Cambridge Journals Online service which can be found at journals.cambridge.org/ipg. For further information on other Press titles go to http://www.cambridge.org.

Abstracts

International Psychogeriatrics is abstracted and indexed in Abstracts in Social Gerontology; Current Literature on Aging; AgeLine; Combined Health Information Database (CHID); Cumulative Index to Nursing & Allied Health Literature (CINAHL); Current Contents/Social and Behavioral Sciences; EMBASE/Excerpta Medica; e-psyche; Index Medicus/ MEDLINE; ISIAlerting Services; Mental Health Abstracts; New Literature on Old Age; PsychINFO; PsychLIT; Psychological Abstracts; PubMed; Social Sciences Citation Index; Social Services Abstracts; Social Work Abstracts; Sociedad Iberoamericana de Información Científica (SIIC) Data Bases; SciSearch and ZeitschriftenbibliographieGerontologie (GeroLIT).

Copying

This journal is registered with the Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923, USA. Organizations in the USA who are also registered with CCC may therefore photocopy material (beyond the limits permitted by sections 107 and 108 of US Copyright Law) subject to payment to CCC of the per-copy fee of \$16.00. This consent does not extend to multiple copying for promotional purposes. Code 1041-6102/2008. ISI Tear Sheet Service, 3501 Market Street, Philadelphia, PA 19104, USA, is authorized to supply single copies of separate articles for private use only. Organizations authorized by the UK Copyright Licensing Agency may also photocopy material subject to the usual conditions. For all other use, permission should be sought from Cambridge or the American Branch of Cambridge University Press. No other part of this publication may be reproduced, stored or distributed by any means without permission in writing from Cambridge University Press, acting for the copyright holder.

Acknowledgement

Images on the front cover were kindly supplied as part of an appeal to the IPA membership. The 2 photographic images are published with the permission of David Resnikoff, and the 3 PET images permitted by Victor Villemagne and Christopher Rowe.