ISSN: 1041-6102

CAMBRIDGE UNIVERSITY PRESS

International Psychogeriatrics

journals.cambridge.org/ipg



The Official Journal of the International Psychogeriatric Association

Better Mental Health for Older People



International Psychogeriatric Association

Reinventing Aging through Innovation

15th International Congress

6–9 September 2011 • The Hague, The Netherlands

International Psychogeriatrics



Editorial Panel

EDITOR-IN-CHIEF

Nicola T. Lautenschlager Melbourne, Australia

DEPUTY EDITORS

John O'Brien

Newcastle, UK **Nancy Pachana**

Brisbane, Australia

Craig Ritchie London, UK

Guk-Hee Suh

Seoul, South Korea

ASSOCIATE EDITORS

Ricardo Allegri

Buenos Aires, Argentina

Osvaldo Almeida Perth, Australia

Olusegun Baiyewu

Ibadan, Nigeria **Susan Benbow**

Wolverhampton, UK

Henry Brodaty

Sydney, Australia

Christina Bryant Melbourne, Australia

Alistair Burns

Manchester, UK

Helen Chiu

Hong Kong, China

Jiska Cohen-Mansfield Rockville, MD, USA

Martin Cole

Montreal, Canada

Claudia Cooper

London, UK

Colleen Doyle

Melbourne, Australia

Engin Eker Istanbul, Turkey

Leon Flicker

Perth, Australia

Mary Ganguli

Pittsburgh, PA, USA

Serge Gauthier Montreal, Canada

Meredith Gresham

Svdnev, Australia

Martin Haupt

Düsseldorf, Germany

Akira Homma Tokyo, Japan

K. S. Jacob

Vellore, India

Rob Kok

The Hague, The Netherlands

Linda Lam

Hong Kong, China

João Carlos Barbosa Machado

Belo Horizonte, Brazil

Raimundo Mateos

Santiago de Compostela, Spain

Peter Rabins

Baltimore, MD, USA

Ajit Shah

London, UK

Gary Small Los Angeles, CA, USA

Sergio Starkstein

Perth, Australia

David Steffens

Durham, NC, USA

Greg Swanwick

Dublin, Ireland

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**

Leonardo Pantoni

Florence, Italy

STATISTICAL ADVISORS

(Joyce) H. Chung-Chou Chang

Pittsburgh, PA, USA

Hiroko H. Dodge

Portland, OR, USA

Theodore Malmstrom

St. Louis, MO, USA

BOOK REVIEW EDITOR

Michael Philpot

London, UK

FOUNDER EDITOR

Gene Cohen

Deceased

EDITOR EMERITUS

Robin Eastwood

Bere Ferrers, UK

PAST EDITORS

David Ames Manfred Bergener Gene Cohen

Robin Eastwood Sanford Finkel

Kazuo Hasegawa Akira Homma

ASSISTANT TO THE FDITOR-IN-CHIFF

Joan Mould

Melbourne, Australia

Subscriptions

International Psychogeriatrics (ISSN 1041-6102) is published ten times (February, March, April, May, June, August, September, October, November and December) (23). The annual subscription price (excluding VAT), including delivery by air where appropriate, plus electronic access for subscribers of Volume 23 is £487 (US\$951 in the USA, Canada and Mexico) for institutions; £221 (US\$431 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 £75 (US\$144 in the USA, Canada and Mexico) plus postage. The electronic only price and print only price available to institutional subscribers is £416 and £,487 (US\$811 and \$951 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.

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).

Copving

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.

Main Disclaimer

Abstracts of oral and poster presentations from the IPA 2011 International Congress included in this supplement have been assessed by the Scientific Committee. They have not been peer-reviewed under the supervision of the Editor-in-Chief of *International Psychogeriatrics* prior to publication, but may still be cited.

Disclaimer For Industry Satellite Symposia

Programs for the satellite sessions were developed by the sponsoring companies and not by the Scientific Committee. Abstracts for satellites were not assessed by the Scientific Committee unlike abstracts for the main scientific program.

Contents

Sii	With Appreciation
S1	Abstracts for Plenary Sessions
S12	Abstracts for Symposia Sessions
S92	Abstracts for Free Communication Session
S139	Abstracts for Poster Sessions
S401	Satellite Symposia Sessions
S403	Author Index