ISSN: 1041-6102

# International Psychogeriatrics

journals.cambridge.org/ipg



The Official Journal of the International Psychogeriatric Association

Better Mental Health for Older People





## International Psychogenatrics



## **Editorial Panel**

EDITOR-IN-CHIEF

Nicola T. Lautenschlager

Melbourne, Australia

**DEPUTY EDITORS** 

Christina Bryant

Melbourne, Australia

Kostas Lyketsos Baltimore, MD, USA

John O'Brien

Cambridge, UK

Craig Ritchie Edinburgh, UK

**Guk-Hee Suh** 

Seoul, South Korea

ASSOCIATE EDITORS

Osvaldo Almeida
Perth. Australia

Olusegun Baiyewu

Ulusegun Balyew Ibadan, Nigeria

Susan Benbow

Wolverhampton, UK

**Henry Brodaty** 

Sydney, Australia

Laura Brown

Manchester, UK

Alistair Burns

Manchester, UK

Helen Chiu

Hong Kong, China

Jiska Cohen-Mansfield

Tel Aviv, Israel

Martin Cole

Montreal, Canada

Claudia Cooper

London, UK

**George Demakis** 

Charlotte, NC, USA

**Martin Dichter** 

Witten, Germany

Glenna Dowling

San Francisco, CA, USA
Colleen Doyle

Melbourne, Australia

Leon Flicker

Perth, Australia

**Orestes Forlenza** 

Sao Paulo, Brazil Mary Ganguli

Pittsburgh, PA, USA

**Serge Gauthier** 

Montreal, Canada

Yonas Geda Scottsdale, AZ, USA

Meredith Gresham

Svdnev, Australia

Martin Haupt
Düsseldorf, Germany

Nathan Herrmann

Toronto, Canada

Akira Homma

Tokyo, Japan

Zahinoor Ismail

Calgary, Canada

K. S. Jacob

**Helen Kales** 

Ann Arbor, MI, USA

**Rob Kok** 

The Hague, The Netherlands

Linda Lam Hong Kong, China

Iracema Leroi

Manchester, UK

Inger Hilde Nordhus

Bergen, Norway

João Carlos Barbosa Machado

Belo Horizonte, Brazil

Raimundo Mateos

Santiago de Compostela, Spain

Kirsten Moore

London, UK

**Peter Rabins** 

Baltimore, MD, USA

Paul Rosenberg

Baltimore, MD, USA

Ajit Shah

London, UK

Gary Small
Los Angeles, CA, USA

Sergio Starkstein

Perth, Australia

**David Steffens** 

Durham, NC, USA

**Johannes Wancata** 

Vienna, Austria

MANAGING EDITOR

Kate Filipiak

Milwaukee, WI, USA

STATISTICAL ADVISORS

Lucy Busija

Melbourne, Australia

(Joyce) H. Chung-Chou Chang

Pittsburgh, PA, USA

Hiroko H. Dodge

Portland, OR, USA

Theodore Malmstrom St. Louis, MO, USA

BOOK REVIEW EDITOR

**David Ames** 

Melbourne, Australia

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 EDITOR-IN-CHIEF

Joan Mould

Subscriptions

International Psychogeriatrics (ISSN 1041-6102) is published monthly. The annual subscription price (excluding VAT), including delivery by air where appropriate, plus electronic access for subscribers of Volume 28 is £788 for institutions (US\$1457 in the USA, Canada and Mexico); the electronic only price available to institutional subscribers is £588 (US\$1088 in the USA, Canada and Mexico). For individuals ordering direct from the publisher and certifying that the journal is for their personal use the subscription price (excluding VAT) for print plus electronic access is £331 (US\$612 in the USA, Canada and Mexico) or £260 (US\$481 in the USA, Canada and Mexico) for electronic only subscriptions. Single issues are £76 (US\$140 in the USA, Canada and Mexico) plus postage. Orders, which must be accompanied by payment, may be sent to a bookseller, subscription agent or to the publisher: Cambridge University Press, Journals Fulfillment Department, UPH, Shaftesbury Road, Cambridge CB2 8BS, 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.

### A la atua ata

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 1041-6102/2016. 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

(Upper left) Seniors jogging on a forest road © Kzenon /istock-photo; (Upper right) A Lewy body in a pigmented neuron of the substantia nigra of a Parkinson's disease patient (H/E stain) and (Lower left) tau pathology (green) in the hippocampus of an Alzheimer's disease patient (immunofluorescence) – both images kindly provided by Prof. Johannes Attems, Institute for Ageing and Health, Newcastle University, UK; (Lower right) Senior adults having morning tea together © Monkeybusinessimages /istockphoto