ISSN: 2045-7960

Epidemiology and Psychiatric Sciences

Formerly published as Epidemiologia e Psichiatria Sociale

Editor Michele Tansella



journals.cambridge.org/eps

CAMBRIDGE UNIVERSITY PRESS

EDITORIAL COMMITTEE

Editor

MICHELE TANSELLA, University of Verona, Italy

Associate Editors
FRANCESCO AMADDEO, Verona, Italy
CORRADO BARBUI, Verona, Italy
ANTONIO LASALVIA, Verona, Italy
MIRELLA RUGGERI, Verona, Italy

EDITORIAL BOARD

FABRIZIO ASIOLI, Reggio Emilia, Italy
MATTEO BALESTRIERI, Udine, Italy
FRANCESCO BARALE, Pavia, Italy
CESARIO BELLANTUONO, Ancona, Italy
DOMENICO BERARDI, Bologna, Italy
PAOLO BRAMBILLA, Udine, Italy
LORENZO BURTI, Verona, Italy
MASSIMO CASACCHIA, L'Aquila, Italy

ANDREA CIPRIANI, Verona, Italy
GIOVANNI DE GIROLAMO, Brescia, Italy
CARLO FARAVELLI, Firenze, Italy
SECONDO FASSINO, Torino, Italy
ANGELO FIORITTI, Bologna, Italy
LUIGI GRASSI, Ferrara, Italy
ANTONIO LORA, Milano, Italy
TOMMASO LOSAVIO, Roma, Italy

LORENZA MAGLIANO, Napoli, Italy
MARIO MAJ, Napoli, Italy
ALESSANDRA MARINONI, Pavia, Italy
MAURO PERCUDANI, Milano, Italy
LUIGI POLITI, Pavia, Italy
MARCO RIGATELLI, Modena, Italy
SIMONE VENDER, Varese, Italy
CHRISTA ZIMMERMANN, Verona, Italy

THOMAS BECKER, *Ulm, Germany*BRIAN COOPER, *Heidelberg, Germany*PAOLA DAZZAN, *London, United Kingdom*JOHN GEDDES, *Oxford, United Kingdom*

Kingdom ASSEN JABLENSKY, Perth, Australia MARTIN KNAPP, London, United Kingdom MORVEN LEESE, London, United Kingdom

SIR DAVID GOLDBERG, London, United

INTERNATIONAL ADVISORY BOARD

ALAIN LESAGE, Montreal, Canada
ANTONIO LOBO, Zaragoza, Spain
POVL MUNK-JØRGENSEN, Aalborg, Denmark
CARMINE PARIANTE, London, United Kingdom
EUGENE PAYKEL, Cambridge, United Kingdom
STEFAN PRIEBE, London, United Kingdom
DARREL REGIER, Virginia, USA
BENEDETTO SARACENO, Ornex, France
NORMAN SARTORIUS, Geneva, Switzerland

AART SCHENE, Amsterdam, The Netherlands SJOERD SYTEMA, Groningen, The Netherlands GRAHAM THORNICROFT, London, United Kingdom PETER TYRER, London, United Kingdom

JOSÉ VAZQUEZ-BARQUERO, Santander, Spain MYRNA WEISSMAN, New York, USA ULI WITTCHEN, Dresden, Germany

Editorial Assistant RENATO FIANCO, University of Verona, Italy

Epidemiology and Psychiatric Sciences is an international, peer-reviewed journal published quarterly. It provides updated data and scientific information to epidemiologists, psychiatrists, psychologists, statisticians and other research and mental health workers primarily concerned with public health and epidemiological and social psychiatry.

© Cambridge University Press 2011

COPYING This journal is registered with the Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923. Organizations in the USA who are also registered with C.C.C. may therefore copy material (beyond the limits permitted by sections 107 and 108 of US copyright law) subject to payment to C.C.C. of the per-copy fee of \$16.00. This consent does not extend to multiple copying for promotional or commercial purposes. Code 2045-7960/2011 \$16.00. Organizations authorized by the Copyright Licensing Agency may also copy material subject to the usual conditions. ISI Tear Sheet Service, 3501 Market Street, Philadelphia, Pennsylvania 19104, USA, is authorized to supply single copies of separate articles for private use only. For all other use, permission should be sought from Cambridge or the American Branch of Cambridge University Press.

SUBSCRIPTIONS Epidemiology and Psychiatric Sciences (ISSN 2045 7960) is published four times a year in March, June, September and December by Cambridge University Press, The Edinburgh Building, Shaftesbury Road, Cambridge CB2 8RU, UK/Cambridge University Press, 32 Avenue of the Americas, New York, NY 10013–2473, USA. The subscription price (excluding VAT), which includes print and electronic access, of volume 20, 2011 is £174 (US \$279 in USA, Canada and Mexico) for institutions; £70 (US \$113 in USA, Canada and Mexico) for individuals ordering direct from the Press and certifying that the journal is for their personal use. The electronic-only price available to institutional subscribers is £115 (US \$185 in USA, Canada and Mexico). Four parts form a volume. 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. Orders, which must be accompanied by payment, may be sent to any bookseller or subscription agent or direct to the publishers: Cambridge University Press, The Edinburgh Building, Shaftesbury Road, Cambridge CB2 8RU, UK, or in the USA, Canada and Mexico, to Cambridge University Press, Journals Fulfi Ilment Department, 100 Brook Hill Drive, West Nyack, New York 10994–2133. Japanese prices for institutions are available from Kinokuniya Company Ltd, P.O. Box 55, Chitose, Tokyo 156, Japan.

Periodicals postage paid at New York, NY, and at additional mailing offices. POSTMASTER: send address changes in the USA, Canada and Mexico to *Epidemiology and Psychiatric Sciences*, Cambridge University Press, 100 Brook Hill Drive, West Nyack, New York 10994–2133. Claims for missing issues will not be entertained unless made immediately upon receipt of the subsequent issue.

INTERNET ACCESS This journal is included in the Cambridge Journals Online service which can be found at http://journals.cambridge.org/eps. For further information on other Press titles access http://journals.cambridge.org/.

Enquiries about advertising should be sent to the Journal's Promotion Department of the Cambridge or American Branch of Cambridge University Press.

This journal issue has been printed on FSC-certifi ed paper and cover board. FSC is an independent, non-governmental, not-for-profit organization established to promote the responsible management of the world's forests. Please see www.fsc.org for information.

Printed by Latimer Trend, Plymouth, UK.