

**Editors-in-Chief**  
P. Boksa, PhD  
R. Joober, MD, PhD

**Editor Emeritus**  
Y.D. Lapierre, MD

**Associate Editors**  
P. Albert, PhD  
M. Alda, MD  
H. Anisman, PhD  
M. Leyton, PhD  
G.M. MacQueen, MD, PhD

**Associate Editors (Statistics)**  
L. Annable, DipStat  
N. Schmitz, PhD

Editorial Board conflict of interest statements  
are available at [cma.ca/jpn](http://cma.ca/jpn)

**Editorial Advisory Board**  
G. Agam, PhD, Israel  
S.L. Andersen, PhD, USA  
M. Bourin, MD, France  
S. Chattarji, PhD, India  
K.P. Ebmeier, MD, United Kingdom  
S. Floresco, PhD, Canada  
T.S. Frodl, MD, Ireland  
K.A. Hawkins, PsyD, USA  
S. Kanba, MD, PhD, Japan  
F. Kapczinski, MD, PhD, Brazil  
T. Kato, MD, PhD, Japan  
J. Mendlewicz, MD, Belgium  
S.A. Montgomery, MD, United Kingdom  
B. Müller-Oerlinghausen, MD, Germany  
I. Nalepa, PhD, DSc, Poland  
P. Ohrmann, MD, Germany  
M. Pollack, MD, USA  
G.J. Sarwer-Foner, MD, USA  
P. Seeman, MD, PhD, Canada  
A. Serretti, MD, Italy  
D.J. Stein, MD, South Africa  
K.G. Todd, PhD, Canada  
V.K. Yeragani, MD, India

**Submit your manuscript at**  
<http://mc.manuscriptcentral.com/jpn>

© 2012 Canadian Medical Association

ISSN 1180-4882

Publications Mail Agreement no. 41387051.  
Return undeliverable Canadian copies to  
CMA Member Service Centre, 1870 Alta Vista Dr.  
Ottawa ON K1G 6R7; [cmamsc@cma.ca](mailto:cmamsc@cma.ca).

Printed by Dollco Integrated Print Solutions,  
Ottawa, Ont.  
Appears in January, March, May, July,  
September and November.

# Journal of Psychiatry & Neuroscience

Official Journal of the Canadian College of Neuropsychopharmacology  
November 2012 Vol. 37, No. 6 [cma.ca/jpn](http://cma.ca/jpn)

## Editorial

- 367** Loose ends of psychiatric research  
*M. Alda, T. Hajek*

## Review Paper

- 369** Inhibition of the cortex using transcranial magnetic stimulation  
in psychiatric populations: current and future directions  
*N. Radhu, L.N. Ravindran, A.J. Levinson, Z.J. Daskalakis*

## Research Papers

- 379** Reduced neural activity of the prefrontal cognitive control  
circuitry during response inhibition to negative words in people  
with schizophrenia  
*A. Vercammen, R. Morris, M.J. Green, R. Lenroot, J. Kulkarni,  
V.J. Carr, C.S. Weickert, T.W. Weickert*
- 389** Comparison of brain volume abnormalities between ADHD  
and conduct disorder in adolescence  
*M.C. Stevens, E. Haney-Caron*
- 399** Aberrant cortical gyrification in schizophrenia: a surface-based  
morphometry study  
*L. Palaniyappan, P.F. Liddle*
- 407** Differential effects of 3 classes of antidiabetic drugs  
on olanzapine-induced glucose dysregulation and insulin  
resistance in female rats  
*H.N. Boyda, R.M. Procyshyn, L. Tse, E. Hawkes, C.H. Jin,  
C.C.Y. Pang, W.G. Honer, A.M. Barr*

## 416 Instructions for Authors

## Psychopharmacology for the Clinician

- 432** Management of comorbid Tourette syndrome and attention-  
deficit/hyperactivity disorder: Are psychostimulants an option?  
*T. Pringsheim*

**Managing Editor**

Wendy Carroll  
wendy.carroll@cma.ca  
tel 800 663-7336 x2198

**Editorial Coordinator**

Melanie Slavitch  
melanie.slavitch@cma.ca  
tel 800 663-7336 x2182

**Production**

Kathryn A. Freamo  
Nicole Barbeau, Carole Lalonde, Clara Walker

**Associate Director, Publications**

Holly Bodger

**Online Publishing**

James Manship, James Harbinson

**Classified Advertising**

Laurie McLeod, Susan Ritchie  
613 731-8610 x2107/2041; fax 613 565-7488;  
advertising@cma.ca

**Display Advertising**

Deborah Woodman

**Display Advertising Sales**

Blair Graham  
416 850-1485; cell 416 560-0202  
fax 416 850-2242; blair.graham@cma.ca

Trish Sullivan

cell 905 330-8770; trish.sullivan@cma.ca



All prescription drug advertisements have been cleared by the Pharmaceutical Advertising Advisory Board.

ASSOCIATION  
MÉDICALE  
CANADIENNE



CANADIAN  
MEDICAL  
ASSOCIATION

Published by the Canadian Medical Association

CMA Officers and Executives

**Director and Publisher**

Glenda Proctor

**President**

Anna Reid

**Secretary General and CEO**

Paul-Émile Cloutier

**Vice-president, Professional Services and Leadership**

Tim Smith

The *Journal of Psychiatry & Neuroscience* publishes original research articles and review papers in psychiatry and in neuroscience that advance our understanding of the mechanisms involved in the etiology and treatment of psychiatric disorders. This includes studies on patients with psychiatric disorders, healthy humans and experimental animals, as well as studies in vitro.

All editorial matter in the *Journal of Psychiatry & Neuroscience* represents the opinions of the authors and not necessarily those of CMA. CMA assumes no responsibility or liability for damages arising from any error or omission, or from use of any information or advice contained in the *Journal of Psychiatry & Neuroscience*, including articles, editorials, reviews, abstracts, letters and advertisements.



## Journal of Psychiatry & Neuroscience

An index for this volume of *JPN*  
is available online at  
[cma.ca/jpn](http://cma.ca/jpn)

## Journal of Psychiatry & Neuroscience



**Online manuscript  
submission and peer review**

**AVAILABLE at**  
<http://mc.manuscriptcentral.com/jpn>

## Advertisers' Index

Graham Boeckh Foundation  
406

Johnson & Johnson Inc.

Axert Inside front cover

Lundbeck Canada Inc.

Cipralex 362, 364-5, 378

Saphris 363, 366

Sunovion Pharmaceuticals Canada

Latuda Outside back cover

### PRESCRIBING INFORMATION

Axert 419-21

Cipralex 422-3

Latuda 428-31

Saphris 424-7