Contents

Editorial
Prevention of Schizophrenia—Will a Broader Prevention Agenda Support This Aim?........... 237
Felice N. Jacka and Michael Berk

Special Features
First Person Account
Perplexity and Meaning: Toward a Phenomenological “Core” of Psychotic Experiences ........ 240
Clara S. Humphston

Schizophrenia in Translation—Feature Editor: Svein Friis
Delusional Disorder as a Partial Psychosis ................................................................. 244
Stein Ophjordsmoen

Environment and Schizophrenia—Feature Editor: Jim van Os
Neural Effects of the Social Environment ................................................................. 248
Lydia Krabbendam, Christine I. Hooker, and André Aleman

Cochrane Corner—Feature Editor: Clive E. Adams
Evidence Base for Using Atypical Antipsychotics for Psychosis in Adolescents ......... 252
Soumitra S. Datta, Ajit Kumar, Stephen D. Wright, Vivek A. Furtado, and Paul S. Russell

At Issue
Name Change for Schizophrenia .................................................................................. 255
Norman Sartorius, Helen Chiu, Kua Ee Heok, Min-Soo Lee, Wen-Chen Ouyang, Mitsumoto Sato,
Yen Kuang Yang, and Xin Yu

Workshop Report
Research Strategies and Priorities to Improve the Lives of People With Schizophrenia: Executive
Summary of the Ernst Strüngmann Forum on Schizophrenia ....................................... 259
Steven M. Silverstein, Bita Moghaddam, and Til Wykes

Commentary
Whither the Psychology-Neurosis Borderline ............................................................. 266
Ian Kelleher and Mary Cannon

Regular Articles
Mood Instability and Psychosis: Analyses of British National Survey Data ...................... 269
Steven Marwaha, Matthew R. Broome, Paul E. Bebbington, Elizabeth Kuipers, and Daniel Freeman

Time-Lagged Moment-to-Moment Interplay Between Negative Affect and Paranoia: New Insights in
the Affective Pathway to Psychosis ...................................................................... 278
Ingrid Kramer, Claudia J. P. Simons, Johanna T. W. Wigman, Dina Collip, Nele Jacobs, Catherine Derom,
Evert Thiery, Jim van Os, Inez Myin-Germeyns, and Marieke Wichers

Cannabis-Related Working Memory Deficits and Associated Subcortical Morphological Differences in
Healthy Individuals and Schizophrenia Subjects ....................................................... 287
Matthew J. Smith, Derin J. Cobia, Lei Wang, Kathryn I. Alpert, Will J. Cronenwett, Morris B. Goldman,
Daniel Mamah, and Deanna M. Barch, Hans C. Breiter, John G. Czernansky

Cognitive Biases Questionnaire for Psychosis ................................................................ 300
Emmanuelle R. Peters, Steffen Moritz, Matthias Schwannauer, Zoe Wiseman, Kathryn E. Greenwood,
Jan Scott, Aaron T. Beck, Catherine Donaldson, Roger Hagen, Kerry Ross, Ruth Veckenstedt, Rebecca Ison,
Sally Williams, Elizabeth Kuipers, and Philippa A. Garety

Dose Equivalents for Second-Generation Antipsychotics: The Minimum Effective Dose Method .... 314
Stefan Leucht, Myrto Samara, Stephan Heres, Maxine X. Patel, Scott W. Woods, and John M. Davis

Second-Generation Antipsychotics Cause a Rapid Switch to Fat Oxidation That Is Required for
Survival in C57BL/6J Mice .................................................................................. 327
Candice M. Klingerman, Michelle E. Stipanovic, Mohammad Bader, and Christopher J. Lynch
Prior Antipsychotic Drug Treatment Prevents Response to Novel Antipsychotic Agent in the Methylazoxymethanol Acetate Model of Schizophrenia .......................................................... 341
Kathryn M. Gill, James M. Cook, Michael M. Poe, and Anthony A. Grace
Prenatal Immune Activation Induces Maturation-Dependent Alterations in the Prefrontal GABAergic Transcriptome .......................................................................................... 351
Juliet Richetto, Francesca Calabrese, Marco A. Riva, and Urs Meyer
Peptide Sharing Between Influenza A H1N1 Hemagglutinin and Human Axon Guidance Proteins ........................................................... 362
Guglielmo Lucchese, Giovanni Capone, and Darja Kanduc
Pro-/Anti-inflammatory Dysregulation in Patients With First Episode of Psychosis: Toward an Integrative Inflammatory Hypothesis of Schizophrenia .................................................................................. 376
Borja García-Bueno, Miquel Bioque, Karina S. Mac-Dowell, M. Fe Barcones, Monica Martínez-Cengotitabengoa, Laura Pina-Camacho, Roberto Rodríguez-Jiménez, Pilar A. Sáiz, Carmen Castro, Amalia Lafuente, Javier Santabárbara, Ana González-Pinto, Mara Parellada, Gabriel Rubio, M. Paz García-Portilla, Juan A. Micó, Miguel Bernardo, and Juan C. Leza
A Sex- and Region-Specific Role of Akt1 in the Modulation of Methamphetamine-Induced Hyperlocomotion and Striatal Neuronal Activity: Implications in Schizophrenia and Methamphetamine-Induced Psychosis ..................................................................................................... 388
Yi-Wen Chen, Hui-Yun Kao, Ming-Yuan Min, and Wen-Sung Lai
Maturation of the Human Dorsolateral Prefrontal Cortex Coincides With a Dynamic Shift in MicroRNA Expression ........................................................................................................... 399
Natalie J. Beveridge, Danielle M. Santarelli, Xi Wang, Paul A. Tooney, Maree J. Webster, Cynthia S. Weickert, and Murray J. Cairns
Normal Birth Weight Variation Is Related to Cortical Morphology Across the Psychosis Spectrum .......................... 410
Unn K. Haukvik, Lars M. Rimol, J. Cooper Roddey, Cecilia B. Hartberg, Elisabeth H. Lange, Anja Vaskinn, Ingrid Melle, Ole A. Andreasen, Anders Dale, and Ingrid Agartz
Global Association Between Cortical Thinning and White Matter Integrity Reduction in Schizophrenia ................................................................................................................................. 420
Akihiko Sasamoto, Jun Miyata, Manabu Kubota, Kazuyuki Hirao, Ryosaku Kawada, Shinrake Fujimoto, Yusuke Tanaka, Masaaki Hazama, Genichi Sugihara, Nobukatsu Sawamoto, Hidenao Fukuymatsu, Hidehiko Takahashi, and Toshiya Murai
Aberrant Dependence of Default Mode/Central Executive Network Interactions on Anterior Insular Salience Network Activity in Schizophrenia ........................................................................ 428
Impaired Rich Club Connectivity in Unaffected Siblings of Schizophrenia Patients ........................................ 438
Guusje Collin, René S. Kahn, Marcel A. de Reus, Wiepke Cahn, and Martijn P. van den Heuvel
Anatomical Distance Affects Functional Connectivity in Patients With Schizophrenia and Their Siblings ............................................................................................................................... 449
Shuyxia Guo, Lena Palaniyappan, Bo Yang, Zheng Liu, Zhimin Xue, and Jianfeng Feng
Misperceptions of Facial Emotions Among Youth Aged 9–14 Years Who Present Multiple Antecedents of Schizophrenia .................................................................................................. 460
Hannah Dickson, Monica E. Calkins, Christian G. Kohler, Sheilagh Hodgins, and Kristin R. Laurens
Differentiating Patterns of Amygdala-Frontal Functional Connectivity in Schizophrenia and Bipolar Disorder .................................................................................................................. 469
Hu Liu, Yangqing Tang, Fay Womer, Guoguang Fan, Tao Lu, Naomi Driesen, Ling Ren, Ye Wang, Yong He, Hilary P. Blumberg, Ke Xu, and Fei Wang
ERRATUM ................................................................................................................................. 478

About the Cover
Renee Marier
I was painting before I was even speaking. When I was very young I knew that I would go to L’Ecole des Beaux Arts of Montreal. Then at 19 I was diagnosed with schizophrenia. I completed college with great difficulty. For the next 23 years I was in and out of hospitals and with the medication that I had to take I was shaking so badly that I stopped painting completely. I had to abandon my dream of studying at L’Ecole and becoming a professional artist. Then at 42 years old I was given a drug holiday and a few months later I noticed that I could sign my name. So I ventured into sketching and drawing, and later on—after discovering watercolor crayons—into painting. The drug holiday lasted 4 years until I had a relapse and was put on newer medication with—thank heavens—fewer side effects. Now I continue my delightfully whimsical art, using watercolor, tempera, ink, and collage.