Contents

Editorial
First-Episode Psychosis Research: Time to Move Forward (by Looking Backwards)............... 1205
Celso Arango

Special Features
First Person Account
The Vacuum of the Mind: A Self-Report on the Phenomenology of Autistic,
Obsessive-Compulsive, and Depressive Comorbidity .................................................. 1207
Jay D. Paul

Environment and Schizophrenia—Feature Editor: Jim van Os
Creating a Supportive Environment: Peer Support Groups for Psychotic Disorders .......... 1211
Stynke Castelein, Richard Bruggeman, Larry Davidson, and Mark van der Gaag

Schizophrenia in Translation—Feature Editor: Steen Friis
Schizophrenia, Subjectivity, and Mindreading .......................................................... 1214
Matthew M. Nour and Alvaro Barrera

Cochrane Corner—Feature Editor: Clive E. Adams
Transcranial Magnetic Stimulation for Schizophrenia .............................................. 1220
Nadine Dougall, Nicola Maayan, Karla Soares-Weiser, Lisa M. McDermott, and Andrew McIntosh

Commentary
Are We a Step Further Toward a Useful Biomarker? ............................................. 1223
Iris E. Sommer

Theme: Dissecting the Heterogeneity of First-Episode Schizophrenia: The Zucker Hillside
Hospital CIDAR
Guest Editor: Anil K. Malhotra

Theme Introduction
Dissecting the Heterogeneity of Treatment Response in First-Episode Schizophrenia .......... 1224
Anil K. Malhotra

Invited Themed Articles
A Randomized Comparison of Aripiprazole and Risperidone for the Acute Treatment of
First-Episode Schizophrenia and Related Disorders: 3-Month Outcomes ..................... 1227
Delbert G. Robinson, Juan A. Gallego, Majnu John, Georgios Petrides, Youssef Hassoun,
Jian-Ping Zhang, Leonardo Lopez, Raphael J. Braga, Serge M. Sevy, Jean Addington,
Charles H. Kelner, Mauricio Tohen, Melissa Naraine, Natasha Bennett, Jessica Greenberg,
Todd Lencz, Christoph U. Correll, John M. Kane, and Anil K. Malhotra

Relationship of Cognition to Clinical Response in First-Episode Schizophrenia
Spectrum Disorders ....................................................................................................... 1237
Joey W. Trampush, Todd Lencz, Pamela DeRosse, Majnu John, Juan A. Gallego, Georgios Petrides,
Youssef Hassoun, Jian-Ping Zhang, Jean Addington, Charles H. Kelner, Mauricio Tohen,
Katherine E. Burdick, Terry E. Goldberg, John M. Kane, Delbert G. Robinson, and Anil K. Malhotra

Association of a Schizophrenia Risk Variant at the DRD2 Locus With Antipsychotic
Treatment Response in First-Episode Psychosis .......................................................... 1248
Jian-Ping Zhang, Delbert G. Robinson, Juan A. Gallego, Majnu John, Jin Yu, Jean Addington,
Mauricio Tohen, John M. Kane, Anil K. Malhotra, and Todd Lencz

Responses to Tobacco Smoking-Related Health Messages in Young People With
Recent-Onset Schizophrenia .......................................................................................... 1256
Daniel J. Coletti, Mary Brunette, Majnu John, John M. Kane, Anil K. Malhotra, and
Delbert G. Robinson
Regular Articles

A Neuroanatomical Signature for Schizophrenia Across Different Ethnic Groups .......... 1266
Qiyong Gong, Paola Dazzan, Cristina Scarpetta, Kyio T. Kasai, Xinyu Hu, Tiago R. Marques, Norichika Iwashiro, Xiaqi Huang, Robin M. Murray, Shinsuke Koike, Anthony S. David, Hidenori Yamasue, Su Lui, and Andrea Mechelli

Brain Correlates of Cognitive Remediation in Schizophrenia: Activation Likelihood Analysis Shows Preliminary Evidence of Neural Target Engagement ............... 1276
Ian S. Ramsay and Angus W. MacDonald III

Lack of Evidence for Regional Brain Volume or Cortical Thickness Abnormalities in Youths at Clinical High Risk for Psychosis: Findings From the Longitudinal Youth at Risk Study ........... 1285

Systematic Integration of Brain eQTL and GWAS Identifies ZNF323 as a Novel Schizophrenia Risk Gene and Suggests Recent Positive Selection Based on Compensatory Advantage on Pulmonary Function .................................................. 1294
Xiong-Jian Luo, Manuel Mattheisen, Ming Li, Liang Huang, Marcella Rieteschel, Anders D. Borghum, Thomas D. Als, Edwin J. van den Oord, Karolina A. Aberg, Ole Mors, Preben Bo Mortensen, Zhenwu Luo, Franziska Degenhart, Sven Cichon, Thomas G. Schulze, Markus M. Nöthen, Bing Su, Zhongming Zhao, Lin Gan, and Yong-Gang Yao

Quantitative Measures of Craniofacial Dysmorphology in a Family Study of Schizophrenia and Bipolar Illness ................................................................. 1309

Increased Cerebellar Functional Connectivity With the Default-Mode Network in Unaffected Siblings of Schizophrenia Patients at Rest ........................................... 1317
Wenbin Guo, Feng Liu, Zhikun Zhang, Guiying Liu, Jianrong Liu, Liuyu Yu, Changqing Xiao, and Jingping Zhao

Disintegration of Sensorimotor Brain Networks in Schizophrenia .................................. 1326

Frequency-Specific Neural Signatures of Spontaneous Low-Frequency Resting State Fluctuations in Psychosis: Evidence From Bipolar-Schizophrenia Network on Intermediate Phenotypes (B-SNIP) Consortium ........................................... 1336

Brain Structure in Neuropsychologically Defined Subgroups of Schizophrenia and Psychotic Bipolar Disorder ................................................................. 1349
Neil D. Woodward and Stephan Heckers

Cognitive Effort and Schizophrenia Modulate Large-Scale Functional Brain Connectivity .......... 1360
Christine Lycke Brandt, Tobias Kaufmann, Ingrid Agartz, Kenneth Hugdahl, Jimmy Jensen, Torill Ueland, Beate Haatveit, Kristina C. Skatun, Nhat Trung Doan, Ingrid Melle, Ole A. Andreassen, and Lars T. Westlye

Reward System Dysfunction as a Neural Substrate of Symptom Expression Across the General Population and Patients With Schizophrenia ........................................... 1370
Joe J. Simon, Sheila A. Cordeiro, Marc-André Weber, Hans-Christoph Friederich, Robert C. Wolf, Matthias Weisbrod, and Stefan Kaiser

A Systematic Review of the Effect of Early Interventions for Psychosis on the Usage of Inpatient Services ................................................................. 1379
Jason R. Randall, Sherri Vokey, Hal Loewen, Patricia J. Martens, Marni Brownell, Alan Katz, Nathan C. Nickel, Elaine Burland, and Dan Chateau

A Multisite, Randomized Controlled Clinical Trial of Computerized Cognitive Remediation Therapy for Schizophrenia ................................................................. 1387
Dose Equivalents for Second-Generation Antipsychotic Drugs: The Classical Mean Dose Method

Stefan Leucht, Myrto Samara, Stephan Heres, Maxine X. Patel, Toshi Furukawa, Andrea Cipriani, John Geddes, and John M. Davis

The Vicious Cycle of Family Atmosphere, Interpersonal Self-concepts, and Paranoia in Schizophrenia—A Longitudinal Study

Klaus Hesse, Levente Kriston, Stephanie Mehl, Andreas Wittorf, Wolfgang Wiedemann, Wolfgang Wölwer, and Stefan Klingberg

About the Cover

Bijan Naderi

Born in Persia, I arrived in the United States in 1982. After a neighbor brought art supplies to all the neighborhood children, I began to draw. Until I recently attended classes at Santa Monica College, I was self-taught. Having been diagnosed with schizophrenia in 1984, my medication now keeps me from being delusional and able to live in reality.