## Contents

### Editorial
- **Disturbance of Minimal Self (Ipseity) in Schizophrenia: Clarification and Current Status.**
  Barnaby Nelson, Josef Parnas, and Louis A. Sass

### Special Features
- **First Person Account**
  - **Peer-Professional First Person Account: Before Psychosis—Schizoid Personality From the Inside.**
    Peter K. Chadwick

- **Schizophrenia in Translation—Feature Editor: Svein Friis**
  - **Metacognitive Capacities for Reflection in Schizophrenia: Implications for Developing Treatments.**
    Paul H. Lysaker and Giancarlo Dimaggio

- **Genes and Schizophrenia—Feature Editor: Aiden Corvin**
  - **Unlocking the Treasure Trove: From Genes to Schizophrenia Biology.**
    Shane E. McCarthy, W. Richard McCombie, and Aiden Corvin

- **Cochrane Corner—Feature Editor: Clive E. Adams**
  - **Brief Family Intervention for Schizophrenia.**
    Uzuazomaro Okpokoro and Stephanie Sampson

### Commentary
- **ZNFS04A Protein Is Widely Expressed in Human Brain Neurons: Possible Implications on Normal Brain Structure and Pathomorphologic Changes in Schizophrenia.**
  Hans-Gert Bernstein, Johann Steiner, Henrik Dobrowolny, and Bernhard Bogerts

### Theme: Relationship of Schizophrenia to Other Psychotic Disorders, Including Psychotic Bipolar Disorder
- **Theme Introduction**
  - **Distinguishing Between Schizophrenia and Other Psychotic Disorders.**
    Godfrey D. Pearlson and Judith M. Ford
  - **Genetic Relationships Between Schizophrenia, Bipolar Disorder, and Schizoaffective Disorder.**
    Alastair G. Cardno and Michael J. Owen
  - **Generalized and Specific Neurocognitive Deficits in Psychotic Disorders: Utility for Evaluating Pharmacological Treatment Effects and as Intermediate Phenotypes for Gene Discovery.**
    James L. Reilly and John A. Sweeney
  - **A Systems Neuroscience Perspective of Schizophrenia and Bipolar Disorder.**
    Sophia Frangou

### Regular Articles
- **ZNFS04A and Cortical Structure in Schizophrenia: In Vivo and Postmortem Studies.**
  Carl Christoph Schultz, Igor Nenadic, Brien Riley, Vladimir I. Vladimirov, Gerd Wagner, Kathrin Koch, Claudia Schachtzabel, Thomas W. Mühleisen, Buket Basmanav, Markus M. Nöthen, Thomas Deufel, Michael Kiehnstopf, Marcella Rietschel, Jürgen R. Reichenbach, Sven Cichon, Ralf G. M. Schlösser, and Heinrich Sauer

- **Self-disorders and Schizophrenia: A Phenomenological Reappraisal of Poor Insight and Noncompliance.**
  Mads G. Henriksen and Josef Parnas

- **Reduced Binding Potential of GABA-A/Benzodiazepine Receptors in Individuals at Ultra-high Risk for Psychosis: An [18F]-Fluoroflumazenil Positron Emission Tomography Study.**
  Jee In Kang, Hae-Jeong Park, Se Joo Kim, Kyung Ran Kim, Su Young Lee, Eun Lee, Suk Kyoon An, Jun Soo Kwon, and Jong Doo Lee
Dopaminergic Modulation of Probabilistic Reasoning and Overconfidence in Errors: A Double-Blind Study

Christina Andreou, Steffen Moritz, Kristina Feith, Ruth Veckensedt, and Dieter Naber

In Vivo Neurometabolic Profiling to Characterize the Effects of Social Isolation and Ketamine-Induced NMDA Antagonism: A Rodent Study at 7.0 T.

Antonio Napolitano, Khalid Shah, Mirjam I. Schubert, Veronica Porkess, Kevin C. F. Fone, and Dorothee P. Auer

Chronic Exposure of Mutant DISC1 Mice to Lead Produces Sex-Dependent Abnormalities Consistent With Schizophrenia and Related Mental Disorders: A Gene-Environment Interaction Study

Bagrat Abazyan, Jennifer Dziedzic, Kegang Hua, Sofya Abazyan, Chunxia Yang, Susumu Mori, Mikhail V. Plotnikov, and Tomas R. Guilarte

Less Structured Movement Patterns Predict Severity of Positive Syndrome, Excitement, and Disorganization

Sebastian Walther, Fabian Ramseyer, Helge Horn, Werner Strik, and Wolfgang Tschacher

Cognitive Function, Plasma MnSOD Activity, and MnSOD Ala-9Val Polymorphism in Patients With Schizophrenia and Normal Controls

Xiang Y. Zhang, Da C. Chen, Mei H. Xiu, Fu D. Yang, Yunlong Tan, Xingguang Luo, Lingjun Zuo, Therese A. Kosten, and Thomas R. Kosten

A Meta-Analysis of Mentalizing Impairments in Adults With Schizophrenia and Autism Spectrum Disorder

Yu Sun Chung, Deanna Barch, and Michael Strube

Role of Visual Integration in Gaze Perception and Emotional Intelligence in Schizophrenia

Ivy F. Tso, Joshua Carp, Stephan F. Taylor, and Patricia J. Deldin

Neurological Soft Signs Are Not “Soft” in Brain Structure and Functional Networks: Evidence From ALE Meta-Analysis

Qing Zhao, Zhi Li, Jia Huang, Chao Yan, Paola Dazzan, Christos Pantelis, Eric F. C. Cheung, Simon S. Y. Lui, and Raymond C. K. Chan

Smooth Pursuit Eye Movement, Prepulse Inhibition, and Auditory Paired Stimuli Processing Endophenotypes Across the Schizophrenia-Bipolar Disorder Psychosis Dimension


Prefrontal Brain Network Connectivity Indicates Degree of Both Schizophrenia Risk and Cognitive Dysfunction

Paul G. Unschuld, Alison S. Buchholz, Mark Varvaris, Peter C. M. van Zijl, Christopher A. Ross, James J. Pekar, Christoph Hock, John A. Sweeney, Carol A. Tamminga, Matcheri S. Keshavan, Godfrey D. Pearlson, Gunvant K. Thaker, and David J. Schretlen

Associations of White Matter Integrity and Cortical Thickness in Patients With Schizophrenia and Healthy Controls

Stefan Ehrlich, Daniel Geisler, Anastasia Yendiki, Patricia Panneck, Veit Roessner, Vince D. Calhoun, Vincent A. Magnotta, Randy L. Gollub, and Tonya White

Diagnostic Discontinuity in Psychosis: A Combined Study of Cortical Gyrification and Functional Connectivity

Lena Palantiyappan and Peter F. Liddle

Cortical Inhibition, Excitation, and Connectivity in Schizophrenia: A Review of Insights From Transcranial Magnetic Stimulation

Nigel C. Rogasch, Zafiris J. Daskalakis, and Paul B. Fitzgerald

Sexual Trauma Increases the Risk of Developing Psychosis in an Ultra High-Risk “Prodromal” Population

Andrew D. Thompson, Barnaby Nelson, Hok Pan Yuen, Ashleigh Lin, Günter Paul Amminger, Patrick D. McGorry, Stephen J. Wood, and Alison R. Yung

Improvements in Negative Symptoms and Functional Outcome After a New Generation Cognitive Remediation Program: A Randomized Controlled Trial

Pedro Sánchez, Javier Peña, Eneritz Bengoetxea, Natalia Ojeda, Edorta Elizaguirre, Jesus Ezcurre, and Miguel Gutiérrez

About the Cover

Chris Stuber

This painting is just one of hundreds of paintings I have created over the past 20 years. During the past 5 years I have been concentrating on painting women in dresses in scenic backgrounds, but I have painted in many various styles over the years. I feel very fortunate to have the ability to make art because it provides an outlet for my symptoms of schizoaffective disorder.