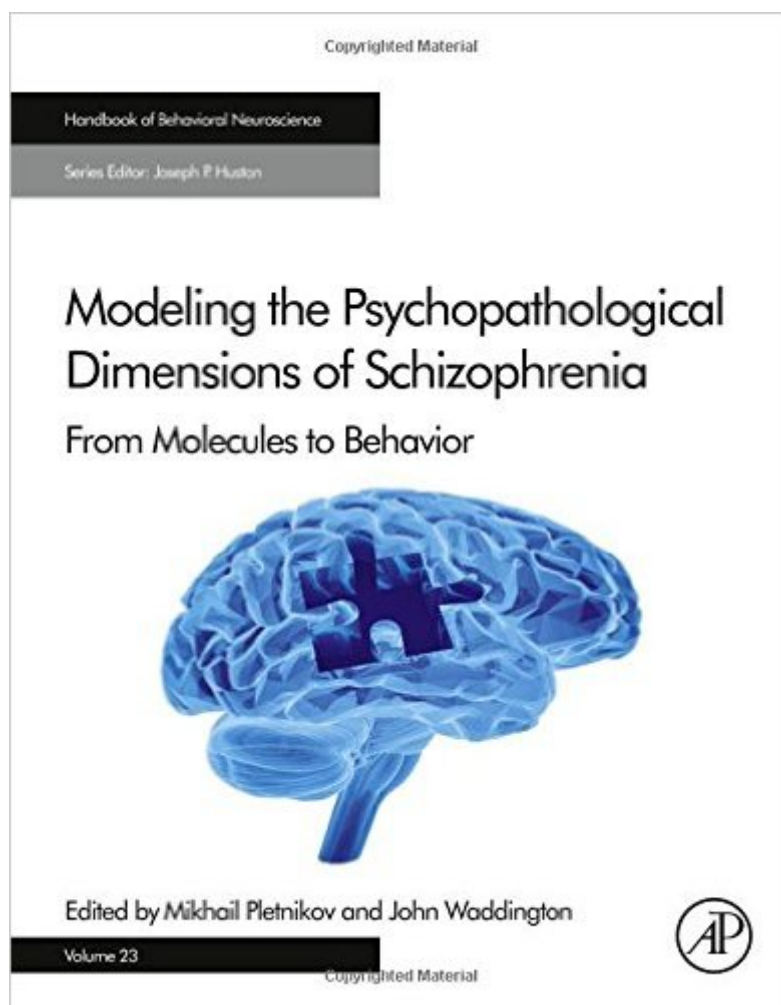


The book was found

# Modeling The Psychopathological Dimensions Of Schizophrenia, Volume 23: From Molecules To Behavior (Handbook Of Behavioral Neuroscience)



## Synopsis

Modeling the Psychopathological Dimensions of Schizophrenia: From Molecules to Behavior is the first book to offer a comprehensive review of the new theoretical, clinical, and basic research framework that considers psychotic illness as a group of dimensional representations of psychopathology rather than as traditional distinct categorical diagnoses. Psychotic illness, typified by schizophrenia, is a devastating condition increasingly recognized as a disorder of abnormal brain development and dysconnectivity. Its complex etiology involves both genetic and environmental factors, as well as the interplay among them. This book describes the current understanding of the clinical and pathological features of schizophrenia, with a particular focus on the evolving conceptualization of schizophrenia and related diagnostic categories of psychotic illness as combinations of dimensional abnormalities. It provides an overview of modern strategies for generating cellular and whole animal models of schizophrenia as well as detailed reviews of the specific experimental preparations and paradigms aimed at molecular, developmental, and brain-network mechanisms that are the underlying aspects of abnormal behavior and various aspects of schizophrenia. This groundbreaking book is an authoritative overview of the translational impact of emerging clinical insights on basic research approaches in schizophrenia that will advance the reader's understanding of the five major dimensions of psychopathology in schizophrenia and related psychoses and resolve the genetic and neurobiological underpinnings of these dimensions. Includes reviews of animal models that capture the most recent insights into the etiology and pathogenetic mechanisms of schizophrenia, with an emphasis on the translational potential of these models. Contains a series of reviews of recently available cellular models for analysis of signaling pathways and gene expression, which complement behavioral neuroscience research in schizophrenia. Edited and authored by leading researchers in the field of schizophrenia and related psychoses.

## Book Information

Series: Handbook of Behavioral Neuroscience (Book 23)

Hardcover: 548 pages

Publisher: Academic Press; 1 edition (January 19, 2016)

Language: English

ISBN-10: 0128009810

ISBN-13: 978-0128009819

Product Dimensions: 10.9 x 8.5 x 1.2 inches

Shipping Weight: 1.6 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #1,998,124 in Books (See Top 100 in Books) #430 in Books > Health, Fitness & Dieting > Mental Health > Schizophrenia #1338 in Books > Textbooks > Medicine & Health Sciences > Medicine > Basic Sciences > Neuroscience #1390 in Books > Textbooks > Social Sciences > Psychology > Neuropsychology

[Download to continue reading...](#)

Modeling the Psychopathological Dimensions of Schizophrenia, Volume 23: From Molecules to Behavior (Handbook of Behavioral Neuroscience) Schizophrenia: Understanding Symptoms Diagnosis & Treatment [mental illness, schizophrenic, schizophrenia disorder] (schizoid, schizoaffective, schizophrenia paranoia) Introduction to Brain and Behavior & Foundations of Behavioral Neuroscience, Second Edition CD-ROM Clinical Neuroanatomy and Neuroscience: With STUDENT CONSULT Access, 6e (Fitzgerald, Clinical Neuroanatomy and Neuroscience) 6th (sixth) Edition by FitzGerald MD PhD DSC MRIA, M. J. T., Gruener MD MBA, Gr [2011] The Alchemy of Nine Dimensions: The 2011/2012 Prophecies and Nine Dimensions of Consciousness Mathematical Modeling of Collective Behavior in Socio-Economic and Life Sciences (Modeling and Simulation in Science, Engineering and Technology) Cognitive-Behavioral Social Skills Training for Schizophrenia: A Practical Treatment Guide The Zuckerman Parker Handbook of Developmental and Behavioral Pediatrics for Primary Care (Parker, Developmental and Behavioral Pediatrics) Biological Psychology: An Introduction to Behavioral, Cognitive, and Clinical Neuroscience, Seventh Edition Biological Psychology: An Introduction to Behavioral, Cognitive, and Clinical Neuroscience, Sixth Edition Foundations of Behavioral Neuroscience (paper) (9th Edition) Biological Psychology: An Introduction to Behavioral, Cognitive, and Clinical Neuroscience (Looseleaf), Sixth Edition Biological Psychology: An Introduction to Behavioral, Cognitive, and Clinical Neuroscience (Looseleaf), Seventh Edition Biological Psychology: An Introduction to Behavioral, Cognitive, and Clinical Neuroscience, Fifth Edition Discovering Behavioral Neuroscience: An Introduction to Biological Psychology Dimensions of Human Behavior: Person and Environment An Introduction to Drugs and the Neuroscience of Behavior (Explore Our New Psychology 1st Editions) Dimensions of Human Behavior: The Changing Life Course The Handbook of Infrared and Raman Characteristic Frequencies of Organic Molecules Behavioral Modeling of Nonlinear RF and Microwave Devices

[Dmca](#)