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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	""Preface""; ""Contents""; ""Contributors""; ""Part I: Overview""; ""Chapter 1: Introduction""; ""Clinical Features""; "" Epidemiology and Genetic and Environmental Risk Factors""; "" Overview of Neurobiology""; ""Neurotransmission""; "" Genetics""; "" Neuroimaging""; "" Endophenotypes""; "" Management of Schizophrenia""; "" Complications Associated with Schizophrenia and Its Treatment""; ""Long-Term Management""; ""References""; ""Chapter 2: The Evolving Nosology of Schizophrenia: Relevance for Treatment""; ""Introduction"" "" The Concept of Schizophrenia from the Nineteenth Century to DSM-IV and ICD-10"" "" The Present: DSM-5 and Towards ICD-11""; ""Changes in Characteristic Symptoms of Schizophrenia in DSM-5 and ICD-11""; "" Elimination of Classic Subtypes of Schizophrenia in DSM-5 and ICD-11""; "" Addition of Psychopathological Dimensions of Schizophrenia""; "" Attenuated Psychosis Syndrome""; "" Treatment Implications of Current Conceptualization of Schizophrenia: 2014 and Beyond""; ""References""; ""Part II: Recent Research into

thePathophysiology of Schizophrenia"; ""Chapter 3: Overview of Neurobiology""

""Introduction""""Identifying Findings Is Not the Same as Identifying an Abnormality""; "" To Determine If a Finding Reflects Pathology, Learn About Its Regulation""; "" Some Abnormalities May Be Epiphenomena But Still Provide Clues About Mechanisms""; "" Heterogeneity Obscures Findings by Mixing Patients with Deficient and Adaptive Function""; "" Compensatory Responses May Identify Potential Treatment Interventions for Other Patients""; "" How Does One Relate Underlying Neurobiology to Treatment of Schizophrenia""; "" Conclusion""; ""References""

""Chapter 4: Pathophysiology of Schizophrenia""""Introduction""; "" Brain Structure""; ""Gray Matter""; "" White Matter""; "" Summary""; "" Brain Function""; ""Functional and Molecular Imaging""; "" Summary""; "" Neurophysiology""; ""P300""; "" Prepulse Inhibition of Startle""; "" P50 Auditory-Evoked Potential Suppression""; "" Mismatch Negativity""; "" Cortical Oscillations and Neural Synchrony""; "" Summary""; "" Oxidative, Immunological, and Neuroendocrine Abnormalities""; ""

Neurotransmitter Systems""; ""Neurochemical Imaging""; "" Dopamine""; "" Gamma Aminobutyric Acid""; "" Glutamate""

"" Summary"""" Neuropathology""; "" Neuroplasticity""; "" Models of Pathogenesis""; ""Summary""; "" Conclusion""; ""Knowledge Gaps and Future Steps""; ""References""; ""Chapter 5: Genetics of Schizophrenia""; ""Introduction""; "" Genetic Epidemiology""; "" Molecular Approaches: Linkage""; "" Molecular Approaches: Candidate Gene Association""; "" Molecular Approaches: Genome-Wide Association Studies""; "" Genetic Relationships to Bipolar Disorder""; "" Clinical Applications and Future Directions""; "" Conclusion""; ""Glossary""; ""References""

""Chapter 6: Recent Advances in Neuroimaging Biomarkers of Schizophrenia""

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## Sommario/riassunto

Schizophrenia: Recent Advances in Diagnosis and Treatment is a major addition to the literature, offering practical, comprehensive coverage of diagnosis and treatment options, genetic issues, neuroimaging, long-term management of schizophrenia, and future directions and predictions of how clinical care of schizophrenia will change. The book is divided into five sections. Section 1 summarizes the present state of knowledge about the diagnosis and treatment of schizophrenia. This includes recent changes in the DSM 5 categorization of schizophrenia and its implications for treatment. Section 2 considers recent discoveries into its pathoetiology, including the status of biological markers, genetics and neuroimaging as they relate to diagnosis and potential novel therapeutic approaches. Section 3 explores the optimization of present therapeutic approaches; novel treatments; and management of the substantial risks associated with both the illness and its present therapies. Section 4 discusses progress in the long-term management of schizophrenia, focusing on biological and psychotherapeutic strategies to improve functioning and facilitate recovery. Section 5 considers future directions and predictions of how diagnosis and treatment of schizophrenia will change. An invaluable addition to the field, Schizophrenia: Recent Advances in Diagnosis and Treatment is a definitive resource that will be of great interest to all clinicians caring for patients with schizophrenia.

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