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Nota di contenuto	PART I BASICs: Neuroimaging in Psychiatric Drug Development -- PET Quantification in Neuropsychiatry -- The Role of P-Glycoprotein in Psychiatric Disorders -- PART II DEPRESSION AND RELATED DISORDERS: Molecular Imaging of Depressive Disorders -- Functional Imaging of Suicidal Behavior -- SPECT and PET in Late-Life Depression -- Neuroimaging in Seasons and Winter Depression -- Bipolar Disorders -- Psychiatric Complications of Parkinson's Disease -- Psychiatric Disorders in Dementia -- PART III ANXIETY DISORDERS: PET and SPECT studies in Anxiety Disorders -- Neurobiology of Posttraumatic Stress Disorder -- Neuroimaging in PTSD-Related Psychotherapies -- Obsessive-Compulsive Disorders -- PART IV PSYCHOSIS AND COGNITIVE DISORDERS: Dopamine and Response to Antipsychotic Medication -- Cholinergic Imaging in Psychosis -- Molecular Imaging in Schizophrenia Spectrum Disorders -- Neuroimaging Findings in Patients with Hallucinations -- TSPO Imaging in Psychiatric Disorders -- Neuroimaging Findings in Delirium -- PART IV IMPULSE CONTROL AND RELATED DISORDERS: PET and SPECT in Personality Disorders -- Abnormalities of Neurotransmission in Drug Addiction -- Molecular Imaging Studies in Stimulant Addiction -- SPECT and PET in Eating Disorders -- Impulsivity Imaging -- Brain SPECT in Behaviorally Disordered Dogs -- Imaging of Neurotransmitter Systems in Obesity -- Neuroimaging Studies of Psychopathy -- Neurobiology of Aggression (Imaging Findings) -- PART VI MISCELLANEOUS SUBJECTS: PET and

SPECT in Autism Spectrum Disorders -- PET and SPECT Imaging in ADHD -- SPECT and PET Imaging of Apathy -- Molecular Imaging in Chronic Fatigue Syndrome -- PET and SPECT in Sleep Disorders -- PET of Non-Pharmacological Interventions for Psychiatric Disorders.

Sommario/riassunto

This book provides a comprehensive overview of the use of PET and SPECT in the classic psychiatric disorders such as depression, bipolar disorder, anxiety disorders, and schizophrenia. In addition, it discusses the application of these functional neuroimaging techniques in a variety of other conditions, including sleep disorders, eating disorders, autism, and chronic fatigue syndrome. The new edition has been extensively revised and updated to reflect the latest advances and results in nuclear imaging within the field. Most chapters are written jointly by a clinical psychiatrist and a nuclear medicine expert to ensure a multidisciplinary approach. This state of the art compendium will be of value for all who have an interest in the field of neuroscience, from psychiatrists and radiologists/nuclear medicine specialists to interested general practitioners and cognitive psychologists. Companion volumes on the use of PET and SPECT in neurology and for the imaging of neurobiological systems complete a trilogy.
