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Titolo	PET and SPECT in Psychiatry // edited by Rudi A.J.O. Dierckx, Andreas Otte, Erik F. J. de Vries, Aren van Waarde, Johan A. den Boer
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Neuroimaging in Psychiatric Drug Development - Radioligand Development for New Targets -- PET Quantification in Neuropsychiatry -- Pharmacological Interventions that have the Potential to alter Neurotransmitter Levels in the Human Brain -- The Role of P-glycoprotein in Psychiatric Disorders and in Psychiatric Treatment -- Molecular Imaging of Depressive Disorders -- Functional Brain Imaging of Suicidal Behaviour -- Late-Onset Depression -- Neuroimaging in Seasons and Winter Depression -- Bipolar Disorders -- PET and SPECT in Psychiatric Complications of Parkinson's Disease -- Psychiatric Disorders in Dementia -- Imaging of the Antidepressant Drug Response Using SPECT and PET -- Neurotransmission: A Review of PET and SPECT Studies in Anxiety Disorders -- Neurobiology of Posttraumatic Stress Disorder: The Role of Nuclear Neuroimaging -- Neuroimaging in PTSD-related Psychotherapies -- Dissociative Identity Disorder and Fantasy Proneness: A Positron Emission Tomography

Study of Authentic and Enacted Dissociative Identity States -- Serotonergic Mechanisms in Obsessive-Compulsive Disorder -- Molecular Imaging in Schizophrenia -- Neuroimaging of Delirium -- PET and SPECT Findings in Patients with Hallucinations -- PET and SPECT in Personality Disorders -- Molecular Imaging Studies in Stimulant Addiction: a Cross-Species Perspective -- Abnormalities in Reward Processing in Drug Addiction: Lessons from Neuropsychology and Neuroimaging Studies -- PET and SPECT Findings in Eating Disorders -- Impulsivity Imaging -- Brain SPECT in the Impulsive-Aggressive Dog -- Obesity an Addiction? Imaging of Neurotransmitter Systems in Obesity -- Neuroimaging Studies of Psychopathy -- Neurobiology of Aggression – Neuroimaging Findings -- Application of PET and SPECT to the Study of Autism Spectrum Disorders -- PET and SPECT Imaging in Attention Deficit Hyperactivity Disorder -- SPECT and PET Imaging of Apathy -- PET and SPECT Studies in the Chronic Fatigue Syndrome/Myalgic Encephalomyelitis -- Sleep Disorders -- PET and SPECT Imaging of Non-Pharmacological Interventions for Psychiatric Disorders.

Sommario/riassunto

PET and SPECT in Psychiatry showcases the combined expertise of renowned authors whose dedication to the investigation of psychiatric disease through nuclear medicine technology has achieved international recognition. The classical psychiatric disorders as well as other subjects – such as suicide, sleep, eating disorders, and autism – are discussed and the latest results in functional neuroimaging are detailed. 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 valuable to all who have an interest in the field of neuroscience, from the psychiatrist and the radiologist/nuclear medicine specialist to the interested general practitioner and cognitive psychologist. It is the first volume of a trilogy on PET and SPECT imaging in the neurosciences; other volumes will focus on PET and SPECT in neurology and PET and SPECT of neurobiological systems.
