

1. Record Nr.	UNINA9910454250603321
Titolo	Neuropsychopharmacology : an official publication of the American College of Neuropsychopharmacology // Kenneth L. Davis [and three others], editors
Pubbl/distr/stampa	Philadelphia, Pennsylvania : , : Lippincott Williams & Wilkins, , 2002 ©2002
ISBN	1-4698-7903-4
Edizione	[Fifth edition.]
Descrizione fisica	1 online resource (2054 p.)
Disciplina	616.8/0461
Soggetti	Neuropsychopharmacology Neurobehavioral disorders Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	""Cover""; ""Copyright""; ""Editors ""; ""Preface""; ""Contents""; ""Section I - Neurotransmitters and Signal Transduction""; ""Neurotransmitters and Signal Transduction - Introduction""; ""1 - Acetylcholine""; ""2 - Serotonin""; ""3 - Opioid Peptides and Their Receptors: Overview and Function in Pain Modulation""; ""4 - Norepinephrine""; ""5 - Regulation of G Protein-Coupled Receptors by Phosphorylation and Endocytosis""; ""6 - The Diverse Roles of L-Glutamic Acid in Brain Signal Transduction"" ""7 - Corticotropin-Releasing Factor: Physiology, Pharmacology, and Role in Central Nervous System Disorders""""8 - Neurogenesis in Adult Brain""; ""9 - Dopamine""; ""10 - Astrocytes""; ""11 - Synaptic Plasticity""; ""12 - Gaba""; ""13 - Substance P and Related Tachykinins""; ""14 - Histamine""; ""15 - Purinergic Neurotransmission""; ""16 - Neurotrophic Factors and Intracellular Signal Transduction Pathways""; ""17 - Regulation of Gene Expression""; ""Section II - Emerging Methods in Molecular Biology and Genetics""; ""Emerging Methods in Molecular Biology and Genetics - Introduction"" ""18 - Using Human Genomics to Advance Neuropsychopharmacology""""19 - Gene Targeting and Transgenic Technologies""; ""20 - Gene Delivery into the Brain Using Viral

Vectors"; ""21 - Neuropsychopharmacology of Worms and Flies"; ""22 - Beyond Binding: Molecular and Cell Biological Approaches to Studying G-Protein-Coupled Receptors"; ""23 - Applying Functional Genomics to Neuropsychopharmacology"; ""Section III - Emerging Imaging Technologies and Their Application to Psychiatric Research"; ""Emerging Imaging Technologies and Their Application to Psychiatric Research -Introduction"" ""24 - Automated 3D Analysis of Large Brain Mri Databases"" ""25 - In Vivo Magnetic Resonance Spectroscopy Studies of the Glutamate and Gaba Neurotransmitter Cycles and Functional Neuroenergetics"; ""26 - The Spatial, Temporal, and Interpretive Limits of Functional MRI"; ""27 - Diffusion Tensor Imaging"; ""28 - Activation Paradigms in Affective and Cognitive Neuroscience: Probing the Neuronal Circuitry Underlying Mood and Anxiety Disorders"; ""29 - Interactions Among Neuronal Systems Assessed with Functional Neuroimaging"" ""30 - Measuring Brain Connectivity with Functional Imaging and Transcranial Magnetic Stimulation"" ""31 - In Vivo Molecular Imaging: Ligand Development and Research Applications"; ""32 - Event-Related Potentials and Magnetic Fields in the Human Brain"; ""Section IV - Drug Discovery and Evaluation"; ""Drug Discovery and Evaluation - Introduction"; ""33 - The Role of Preclinical Models in the Development of Psychotropic Drugs"; ""34 - Proof of Concept: Functional Models for Drug Development in Humans "; ""35 - Ethical Aspects of Neuropsychiatric Research with Human Subjects"" ""36 - Regulatory Issues""
