

1. Record Nr.	UNINA9911018931903321
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Titolo	Neurotransmitters and Drugs in Brain Function
Pubbl/distr/stampa	[Place of publication not identified], : J Wiley, 2001
ISBN	0-470-85192-9 1-280-10131-8 9786610101313 0-470-36525-0 0-470-84657-7
Descrizione fisica	1 online resource (547 pages)
Disciplina	612.8/042
Soggetti	Neurotransmitters - Pathophysiology Neurotransmitter receptors Brain Psychopharmacology Physiology Neurotransmitter Agents Synaptic Transmission Brain Chemistry Central Nervous System Molecular Mechanisms of Pharmacological Action Biochemical Phenomena Electrophysiological Phenomena Nervous System Physiological Phenomena Metabolism Signal Transduction Physiological Effects of Drugs Biological Science Disciplines Physiological Phenomena Pharmacologic Actions Nervous System Chemical Phenomena Natural Science Disciplines Cell Physiological Phenomena Musculoskeletal and Neural Physiological Phenomena Anatomy Chemical Actions and Uses Neuroscience

Human Anatomy & Physiology
Health & Biological Sciences

Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Intro -- Title Page -- Contents -- Section A Basic Aspects of Neurotransmitter Function -- Section B Neurotransmitters and Synaptic Transmission -- Section C Neurotransmitters in Drug Action and Disease States -- Section D Neurotransmitters and Behaviour.
Sommario/riassunto	<p>This book aims to cover the role of neurotransmitters, the substances released from neurons to act on neurons. It covers what they do, how they do it and how their activity is involved in brain function and affected by drugs and disease. The contents include: An overview of neurotransmitter function including their release, effects on neuronal excitability and receptor interaction Detailed description of the synaptic physiology, pharmacology and possible brain function of each neurotransmitter with particular emphasis on acetylcholine, glutamate, GABA, noradrenaline, dopamine, 5 hydroxytryptamine and the peptides, purines, histamine, steroids and nitric oxide An evaluation on how the different neurotransmitters may be involved in the initiation and maintenance of certain brain disorders such as Parkinson's disease, epilepsy, schizophrenia, depression, anxiety and dementia A review of neurotransmitters in sleep and consciousness and in the social problems of drugs and abuse Neurotransmitters, Drugs and Brain Function provides insights that will prove invaluable to students and researchers involved in pharmacology, neuroscience, medicine and psychology.</p>