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Titolo	Dopamine and Sleep : Molecular, Functional, and Clinical Aspects // edited by Jaime M. Monti, S. R. Pandi-Perumal, S. Chokroverty
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (XV, 286 p. 22 illus., 8 illus. in color.)
Disciplina	615
Soggetti	Pharmacology Molecular biology Neurochemistry Neurology Psychopharmacology Pharmacology/Toxicology Molecular Medicine Neurology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	1. Dopamine – Historical aspects -- 2. Dopamine receptors – The dopamine transporter -- 3. The effect of dopamine receptor agonists on the sleep-wake cycle -- 4. Dopamine and its receptors: circadian aspects -- 5. Excitation of ventral tegmental area dopaminergic neurons by orexins/hypocretins -- 6. Role of the basal ganglia in the control of sleep and wakefulness -- 7. Mesolimbic dopamine and impulse control disorders -- 8. Sleep and Parkinson´s disease -- 9. Regulation and modulation of depression-related behaviors: role of dopaminergic 15 Neurons -- 10. Dopamine dysfunction in schizophrenia and its treatment -- 11. Schizophrenia: dopamine/glutamate interactions -- 12. Sleep in schizophrenia and the effect of antipsychotic drugs.
Sommario/riassunto	This book offers a comprehensive but highly readable compilation of papers on the role of dopamine in sleep and sleep disorders. Leading experts in sleep medicine, psychiatry and neuroendocrinology provide

a broad perspective on the field, from established theories to the latest research advances. Accordingly, it represents an interdisciplinary, cutting-edge guide for sleep disorder specialists, sleep researchers, psychiatrists, neurologists, pulmonologists, psychologists, and behavioral sleep medicine specialists.
