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Titolo	Cannabinoids and sleep : molecular, functional and clinical aspects // Jaime M. Monti, S. R. Pandi-Perumal, Eric Murillo-Rodriguez, editors
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Descrizione fisica	1 online resource (XXII, 181 p. 37 illus., 21 illus. in color.)
Collana	Advances in experimental medicine and biology ; ; Volume 1297
Disciplina	572.8
Soggetti	Molecular biology Neurosciences
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Nota di contenuto	Constituents of Cannabis Sativa -- Synthetic and Natural Derivatives of Cannabidiol -- Clinical Pharmacokinetics of Cannabinoids and Potential Drug-Drug Interactions -- Cannabinoid Receptors and Ligands: Lessons from CNS Disorders and the Quest for Novel Treatment Venues -- Sleep-Wake Neurobiology -- Cannabinoids and Sleep/Wake Control -- Effects of Cannabinoid Agonists and Antagonists on Sleep in Laboratory Animals -- Modulation of Noradrenergic and Serotonergic Systems by Cannabinoids: Electrophysiological, Neurochemical and Behavioral Evidence -- Natural Cannabinoids as Templates for Sleep Disturbances Treatment -- The Effect of Cannabinoids on the Brain's Circadian Clock -- Effects of Cannabis Consumption on Sleep -- Addiction and Sleep Disorders -- Cannabis for Restless Legs Syndrome.
Sommario/riassunto	Research on cannabis and sleep is emerging with promising results. This book offers current and comprehensive knowledge on cannabinoid research results in connection with sleep. The volume covers aspects of the hemp plant Cannabis sativa, the pharmacology of cannabinoids, neurobiology and pharmacology of sleep and wakefulness, and the benefits and side effects of cannabis on the central nervous system. It further discusses the putative therapeutical properties of cannabinoids and endocannabinoids and their potential for the treatment of sleep disorders such as insomnia, obstructive sleep apnea, REM sleep behavior disorder, and restless legs syndrome. The book is written by

medical and scientific experts in this field and intended for researchers from a range of disciplines such as biomedicine, biology, neurosciences, clinical medicine, neurology, and pharmacology.

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