

1. Record Nr.	UNINA9910633967203321
Titolo	Circadian rhythm : new insights into physiological and pathological implications / / edited by Cristina Manuela Dragoi, Alina Crenguta Nicolae, Ion Bogdan Dumitrescu
Pubbl/distr/stampa	London : , : IntechOpen, , [2022] ©2022
ISBN	1-80355-370-7
Descrizione fisica	1 online resource (114 pages)
Disciplina	612.022
Soggetti	Circadian rhythms
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1. Introductory Chapter: Untangling the Essential Links among the Circadian Rhythm, Homeostasis of the Human Body, and the Nutritional, Behavioural, and Pathological Interferences. 2. Circadian Sensation and Visual Perception. 3. Circadian Modulation of Neurodevelopment in the Adult Human Brain: Importance of Melatonin. 4. Circadian Synchrony between Mothers and Young in the European Rabbit: Or Not? A Cautionary Tale. 5. Biological Determinants of Sleep Disorders. 6. Chronotherapy Advances in the Management of Chronic Neurological and Cardiovascular Diseases: Complex Interactions of Circadian Rhythm Environmental Inputs, Nutrition and Drug Administration and Their Impact on Human Health.
Sommario/riassunto	This book provides a systematic and updated scientific perspective on the physiology of circadian rhythms, the molecular mechanisms of circadian entrainment, the pharmacological features derived from these signaling pathways, and their clinical outcomes. It offers a comprehensive perspective on the chronobiological impact on normal developmental processes, disruptive events that modulate the occurrence of diverse imbalances that sometimes imply disease, and the increasing importance of circadian rhythms in drug delivery.