

Special Issue

Chronotherapy and Chronomodulated Drug Delivery

Message from the Guest Editors

Circadian rhythms affect not only physiological but also pathological processes. Various diseases display a rhythmic pattern of symptomatology, requiring drug delivery which is tailored to these rhythms. In such cases, the release of a drug within a specific time window will enable the synchronization of plasma concentrations with the circadian rhythm of the disease. Thus, chronomodulated drug delivery consists in adjusting drug delivery to the body's circadian rhythms, with the purpose of maximizing therapeutic outcomes and diminishing side effects. This Special Issue intends to gather updated contributions on the subject of time-controlled drug release, including innovative chronotherapy approaches and advanced drug delivery systems. Reviews and original articles focusing on different drugs, administration routes and formulation techniques are welcome.

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