

## Special Issue

# The Role of the Circadian Clock in Cancer and Inflammatory Diseases

### Message from the Guest Editor

The circadian clock is a crucial regulator of daily physiological processes and also orchestrates the function of our immune system, both, at steady-state and under inflammatory conditions. This Special Issue covers the role of the circadian clock in the development of several types of cancer and chronic inflammatory diseases, the interaction of the immune system with the circadian clock under homeostatic and diseased conditions, the impact of the circadian clock on treatment outcome, recent advances in chronotherapeutic approaches and the therapeutic value of small-molecule modulators of the *circadian clock for cancer and chronic inflammation*. Keywords:

- cancer
- chronic inflammatory disease
- gene expression
- circadian clock in pathology
- circadian clock under steady-state
- chronotherapy
- small-molecule modulators of the circadian clock
- regulation of the circadian clock
- circadian clock-immune system interaction

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### Guest Editor

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closed (15 March 2023)



## International Journal of Molecular Sciences

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