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Advances in Circadian Clock Regulation of Reproduction and Metabolism

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Message from the Guest Editors

Circadian clocks are cell-autonomous oscillators that provide organisms with an internal mechanism to maintain coherent order in a rhythmic environment. Circadian clocks drive numerous circadian rhythmic changes in physiological functions and behaviors, including sleep-wake cycles, feeding behaviors, reproduction, and metabolism. Circadian disturbances are often associated with metabolic diseases and reproductive disorders.

This Special Issue will comprise a selection of research papers and reviews covering mammalian circadian clock regulation of metabolism and reproduction. Contributions on the relationship between the circadian clock, reproduction, and metabolism, as well as the circadian disruption for health, will be welcome. Studies on chronotherapy modulating circadian rhythms for the cure and prevention of metabolic diseases and reproductive disorders will also be considered.



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Special Issue



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Message from the Editor-in-Chief

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