

## Special Issue

# Advances in Circadian Clock Regulation of Reproduction and Metabolism

### 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.

### Guest Editors

Dr. Huatao Chen

College of Veterinary Medicine, Northwest A&F University, Yangling, China

Dr. Hsu-Wen Chao

Department of Physiology, College of Medicine, Taipei Medical University, Taiwan, China

### Deadline for manuscript submissions

closed (31 August 2023)



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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[life@mdpi.com](mailto:life@mdpi.com)

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*Life* (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

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### Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in Biomedicine (IRB Barcelona), The Barcelona  
Institute of Science and Technology, 08028 Barcelona, Spain

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