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Small Non-coding RNAs in Normal Physiology, Development and Diseases

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Deadline for manuscript
submissions:

closed (25 November 2023)

Message from the Guest Editors

Small non-coding RNAs are a rapidly expanding family that play key regulatory roles in shaping various cellular activities, including development, normal physiology and diseases. Since their discovery in 1993, a significant number of small non-coding RNA classes have been identified, such as microRNAs (miRNAs), PIWI-interacting RNAs (piRNAs) and small non-coding RNAs, that are derived from tRNAs and rRNAs. The applications of high-throughput approaches have made great contributions to the discovery of new small non-coding RNAs in different species, tissues and cell types, and have aided in profiling small non-coding RNA dynamics in various biological/pathological processes. This Special Issue, “Small Non-coding RNAs in normal physiology, development and diseases”, aims to provide readers with recent advances in small non-coding RNA research. We welcome comprehensive reviews and original research manuscripts covering topics including, but not limited to, the discovery of new small non-coding RNA species, and research on the functions and mechanisms of small non-coding RNAs in regulating normal physiological processes, development and diseases.



mdpi.com/si/125885

Special Issue



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Message from the Editor-in-Chief

Genes is central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fast-moving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised. Why not consider *Genes* for your next genetics paper?

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