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RNA Modifications

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Deadline for manuscript
submissions:

closed (31 October 2018)

Message from the Guest Editors

Dear Colleagues,

Epitranscriptomic RNA modifications (including A to I conversions, also known as RNA editing), are now known to play an essential role in fine-tuning the regulation of gene expression. These enzymatically-catalyzed post-transcriptional events affect RNA stability, intracellular transport, interactions with cellular proteins, and modulate protein synthesis by the ribosome. This Special Issue will cover all molecular aspects of RNA modification and A-to-I conversion (editing), including biosynthesis of these modified nucleotides, enzymes and enzymatic complexes implicated in their formation, mapping and detection methods developed for analysis of RNA modifications as well numerous molecular and cellular mechanisms where those modifications are directly involved.

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mdpi.com/si/15060

Special Issue



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Message from the Editor-in-Chief

Genes are central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fastmoving 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.

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