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Functions and Dynamics of RNA Modifications

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Message from the Guest Editors

Dear Colleagues,

To fulfil their functions in translation and cell homeostasis, RNA molecules are heavily modified. Chemical variations such as methylations, thiolations or acylations or even rearrangements of the canonical building block form a second layer of information on top of the sequence code. Analogous to the term epigenetics, which describes the modulation of this second layer in DNA, the term epitranscriptomics was established for RNA. In this Special Issue, we will focus on the epitranscriptome and its dynamic character. We welcome submissions of original articles as well as reviews covering all aspects of RNA modification, including the installation of RNA modifications, the active removal of RNA modifications by, e.g., demethylases or RNA degradation, and the impact of these dynamic changes on RNA functions.

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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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