

Special Issue

Epigenomics and Epitranscriptomics Crosstalk

Message from the Guest Editors

Epigenomic (modifications of the DNA and histones) and epitranscriptomic (modifications of the RNA) information shape the genome output, giving rise to the gene activity states that specify cell identity. Both types of marks are specifically deposited, removed, and decoded by a repertoire of enzymes, so far better characterized in the case of DNA and histones, although the RNA modification field is rapidly catching up. A better understanding of the mechanisms and functions of RNA modifications, the combinations of marks on different RNA biotypes, and the potential crosstalk between epigenomic and epitranscriptomic marks is essential to fully unravel the complexity of these multifaceted regulatory mechanisms of gene expression. Recent developments, future perspectives, and challenges integrating these convergent research fields are the topic of this Special Issue in *Genes* on “Epigenomics and Epitranscriptomics Crosstalk”.

Guest Editors

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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?

Editor-in-Chief

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