

Special Issue

Recent Progress of Molecular Mechanism of Gene Expression

Message from the Guest Editor

This Special Issue aims to update our knowledge of the molecular mechanisms of gene expression. Epigenetic analysis, analysis of gene expression in a genome-wide manner, the role of various non-coding RNAs, the bookmarking mechanism of gene expression are all important issues to assemble a global picture of gene expression. I would like to encourage colleagues to submit manuscripts dealing with the subjects mentioned above. It would be nice if you could discuss the biological significance of the molecular mechanisms presented in your manuscript. Discussion of future applications of the novel mechanisms described in your manuscript will strengthen your paper. Manuscripts on bio-informatics are also suitable for this Special Issue if they are related to gene expression. I hope that this collection of high-quality papers will help us to achieve an integrated understanding of gene expression.

Keywords

- epigenetic analysis
- analysis of gene expression in a genome-wide manner
- role of various non-coding RNAs
- bookmarking mechanism in gene expression
- gene expression network
- novel research tools for the analysis of gene expression
- bio-informatics

Guest Editor

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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