

Special Issue

Epigenetic Mechanisms and Human Pathology 4.0

Message from the Guest Editors

The recognition of epigenetic mechanisms has largely improved our understanding of human diseases. The term “epigenetics” refers to several molecular mechanisms that impact DNA expression without altering its sequence. Consequently, any alterations in these mechanisms may result in a whole range of human pathologies. The mostly reversible nature of epigenetic alterations provides grounds for developing novel treatment targets and personalized therapies.

This Special Issue of the International Journal of Molecular Sciences, entitled “Epigenetic Mechanisms and Human Pathology”, shall serve as a forum with which to present critical reviews and reviews of the state of the art, as well as original papers discussing the application of epigenetic approaches to the etiology, diagnostics, and therapy of a variety of diseases.

Contributions from leading international investigators will guarantee a broad and comprehensive analysis of potential epigenetic mechanisms as well as related clinical problems.

Guest Editors

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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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