

Special Issue

Epigenetics of Non-transmissible Diseases

Message from the Guest Editor

Epigenetics, exploring the interface between environmental signals and the remodeling of chromatin structure, promises to shed light on disease pathogenesis, possibly contributing to the identification of novel therapeutic targets. In this Special Issue, we shall focus on the role of histone code and nonhistone proteins modification, epigenetic enzymes, and DNA methylation, whose function has been frequently associated, often with a controversial role, to the pathogenesis of chronic noncommunicable diseases. Although numerous studies demonstrate that epigenetic pathways are modulated in such pathophysiological conditions, this matter is still under heavy debate. This Special Issue is intended to contribute to the field with original research articles or reviews putting in the spotlight the relevance of epigenetics in chronic diseases, possibly providing indication about future innovative therapeutic approaches. Reports about cancer, cardiovascular, metabolic, muscular, neurodegenerative, bones, and respiratory diseases are welcomed. à

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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