

## Special Issue

# Genetic and Epigenetic Toxicology

### Message from the Guest Editor

Environmental hazards and certain harmful substances promote deleterious modifications in cells and affect the integrity of both genetic information and epigenetic states. Being exposed to many chemical and biological agents can result in genomic instabilities, genetic mutations, chromosomal damage, and epigenetic alterations, which lead to many human maladies such as neurodegenerative diseases, metabolic disorders, and cancer. This Special Issue is intended to contribute to the field with original research articles or reviews putting in the spotlight the relevance of genetic and epigenetic toxicology in cancer cells, chemotherapy, possibly providing indications about future innovative therapeutic approaches, and the novel findings and mechanisms in wider clinical applications. Moreover, reports about novel, effective testing methods in improving the diagnosis and treatment of many diseases are also welcome.

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### Guest Editor

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### Deadline for manuscript submissions

closed (30 October 2024)



## International Journal of Molecular Sciences

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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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### Editor-in-Chief

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