

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.

Guest Editor

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Deadline for manuscript submissions

closed (30 October 2024)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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*International Journal of
Molecular Sciences*
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