

Special Issue

Molecular Mechanisms of Genotoxicity

Message from the Guest Editor

Dear colleagues, Genetic information is carried by the DNA, which is constantly exposed and may be damaged by endogenous and exogenous agents. Thus, multiple cell mechanisms are guarantees that different types of DNA damage can be corrected. In addition, the ability to detect and properly repair these DNA damages is crucial for cells to survive and maintain a normal phenotype. Defective DNA repair results in a variety of outcomes, including genetic instability and cancer. Advances in the knowledge of molecular mechanisms involved will lead to a better understanding and increase chances of preventing such diseases or even lead to effective treatments.

The aim of this Special Issue is to provide an overview of the knowledge regarding the molecular mechanisms involved and development perspectives. We anticipate that the papers presented in this issue will be of valuable support for the scientific community, in diverse contexts such as cell biology, physiopathology, etc.

Guest Editor

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Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* 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, and molecular biophysics. *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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