

Special Issue

Recent Research of DNA Repair and Damage in Human Health

Message from the Guest Editors

DNA damage accumulation and an altered DNA damage response underlie several human pathologies, including various types of cancer. DNA damage accumulation and changes in DNA repair may occur in physiological aging. DNA repair and damage may be important players in telomeric and mitochondrial DNA; however, their role in human pathologies is not understood. Hence, several points must be addressed to improve the current understanding of DNA damage/DNA repair in humans and their potential implications in pathologies. For this Special Issue, “Recent Research of DNA Repair and Damage in Human Health”, we welcome recent research and review articles on topics such as the effects of interindividual, intersex, and age differences on DNA damage repair, and differences in organs, together with the role of DNA damage repair, in the etiology of proliferative versus degenerative diseases. Moreover, we intend to address the topic of DNA repair in inflammation, as well as telomeric and mitochondrial DNA.

https://www.mdpi.com/journal/ijms/special_issues/DNA_Repair_Damage

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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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