

Special Issue

Cellular and Molecular Mechanisms of CRISPR-Directed Gene Repair

Message from the Guest Editors

This volume will focus on the mechanisms of gene repair, the molecular reactions that function to repair the double-strand DNA breakage initiated by CRISPR/Cas cleavage of chromosomal or extra-chromosomal DNA. Articles will center on the regulatory circuitry that surrounds genetic engineering in eukarotic cells. We are particularly interested in papers that describe the biochemical and molecular activity responding to the gene editing tools used to modify the genomes of eukaryotic cells, and not the traditional response to external DNA damaging agents.

Guest Editors

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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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