

Special Issue

Excising DNA Damage from Chromosomes: Entry Visas and Exit Strategies

Message from the Guest Editor

The issue will focus on how nucleotide excision repair (NER) operates in cellular chromatin. This topic is receiving increasing focus, yet we are only beginning to understand the ways by which the functionality of the NER core components can be maximised in various epigenetic environments. We will discuss how the cell modifies epigenetic states to facilitate efficient NER and how it restores these states to their pre-damaged status; an essential facet to maintain the epigenetic code and correct transcriptional regulation.

We will consider results accrued employing model genes and those obtained by examining entire genomes.

Thus the issue will summarize our current understanding, and it will consider how new approaches are enabling, and which will enable, major advances.

Guest Editor

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Deadline for manuscript submissions

closed (31 July 2012)



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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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