

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)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/1587

*International Journal of
Molecular Sciences*
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Message from the Editor-in-Chief

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