

Special Issue

Cell Targets and Toxicity

Message from the Guest Editor

Cell toxicity plays an important role in many aspects in biomedicine; the nature and severity of toxicity constitute a very important role in helping to understand basic issues in biological and biomedical processes. In addition, cell toxicity constitutes the main objective in many medical therapies, particularly in cancer, including radiotherapy, chemotherapy, phototherapy or immunotherapy. However, molecular mechanisms of such therapies are not always fully elucidated. Cell response to a determined insult is also related with the mechanisms of endogenous protective systems and, therefore, understanding such mechanisms also improves knowledge of basic cell biology and cancer cell therapies.

This Special Issue is focused on cell toxicity and it would include original articles on aspects related with molecular mechanisms of cell toxicity induced by different insults, mainly cancer therapies, and the ways in which this can lead to cell death. Potential topics include, but are not limited to, physical and chemical insults, intracellular targets, reactive oxygen species, detoxication systems, cell response (cell death mechanisms) and stem cells in toxicity.

Guest Editor

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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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