

Special Issue

Emerging Research in Cell Death and Differentiation

Message from the Guest Editors

We are delighted to announce a call for submissions to this Special Issue of the International Journal of Molecular Sciences on the topic of Emerging Research in Cell Death and Differentiation. Despite its late onset as a biomedical research area, cell death is now a field in continuous development. The cell death entities are primarily categorized into programmed cell death (PCD) or non-PCD (necrosis) based on their signal dependency. Dissecting the molecular mechanisms of both positive and negative regulation of PCD is the mainstay to develop treatments for several diseases, including cancer and neurodegeneration.

A more irregular form of death is typically described as differentiation (as in the case of keratinocytes) and exemplifies how cell death is not only essential for the renewal of tissues, but also for direct protection from the outside world and pathogens.

We encourage the submission of both original research articles and topical reviews tackling all aspects of cell death and differentiation, as well as addressing what lies ahead regarding technologies and methods.

Guest Editors

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Deadline for manuscript submissions

closed (10 April 2023)



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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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