

Special Issue

Targeted Cancer Therapies and Programmed Cell Death

Message from the Guest Editors

It is well known that cell death is regulated by a variety of programmed pathways to maintain cellular homeostasis, and dysregulation of this mechanism is one of the hallmarks of cancer. Direct targeting of cell death mechanisms is an attractive treatment option for cancer therapies. For example, the recent development of pro-survival BCL-2 family inhibitors (BH3 mimetics) to the repertoire of targeted therapies has revealed marked clinical success. Furthermore, targeting other cell death machineries, such as ferroptosis, necroptosis, or autophagy, has been shown to have an alternative therapeutic potential. This Special Issue focuses on molecular mechanisms and therapeutic potential for cancer treatment through a broad range of cell death pathways. We welcome submissions of original papers and reviews on this important area.

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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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