

## Special Issue

# Apoptosis and Autophagy: The Double Edge in Cancer Development and Progression and in Other Human Diseases

### Message from the Guest Editors

The mechanisms of cell death have a pivotal role in the determination of the fate of normal and cancer cells in multicellular organism. The disruption of these mechanisms is at the core of the development of inflammatory and tumor diseases and knowledge of the molecular components altered in specific illnesses can be useful in the design of new therapeutic strategies for the treatment of human cancers. This issue of the *International Journal of Molecular Sciences* will focus on recent advances in "Apoptosis and Autophagy: The Double Edge in Cancer Development and Progression", including new insights into the molecular mechanisms of apoptosis, autophagy and other programmed cell death mechanisms (i.e., senescence) and their correlations with the control of cancer growth and metastatization. Moreover, emerging data on natural or synthetic modulators of apoptosis and autophagy, in relation to new therapeutic strategies, are welcome.

### Guest Editors

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### Deadline for manuscript submissions

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## International Journal of Molecular Sciences

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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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### Editor-in-Chief

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