

## Special Issue

# Apoptosis and Cell Signaling in Disease

### Message from the Guest Editor

Apoptosis is an active process of genetically controlled self-destruction, which controls cell homeostasis, tissue morphogenesis or the development and functioning of the immune system. The regulation of apoptosis at several levels is essential to maintain the delicate balance between cellular survival and death signalling that is required to prevent disease. Despite important theoretical advances, little progress has been made in the treatment or prevention of diseases associated with the disruption of cell death (such as cancers, neurodegenerative and autoimmune syndromes or viral infections). This Special Issue will discuss the recent advances in the field, thereby contributing to our knowledge on how the selective inclusion or exclusion of key signalling pathways play a role in signal transduction, apoptosis, disease and many other cellular events.

### 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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