



Cell Death in Biology and Diseases 3.0

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Message from the Guest Editors

Dear Colleagues,

Cell death is a major biological phenomenon. The molecular mechanisms of cell death (or conversely cell survival) are complex and often closely connected to other cellular processes, such as cell proliferation or differentiation, and are thus part of a broad signaling network. The disruption of these mechanisms often causes developmental abnormalities, and factors that trigger cell death can directly contribute to the pathogenesis of many diseases, including cancer, neurodegenerative diseases, and tissue injury. Additionally, in plants, programmed cell death plays an important role in the formation of sclerenchyma and xylem (water and mineral transport).

This Special Issue will focus on the exploration of the role of cell death in disease development and the modulation of cell death for the treatment of diseases. This Special Issue highly welcomes original research articles, short communications, and review manuscripts. Interdisciplinary contributions will help to get a detailed overview of this exciting research field in medicine, pest control, and other areas, providing great opportunities for new discoveries and applications in life science.





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Message from the Editor-in-Chief

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