



Neuron Cell Death

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Message from the Guest Editors

The discovery of neuronal cell death dates back to the 19th century. Nowadays, the notion that cell death is a phenomenon occurring during the entire life course of the nervous system, from neurogenesis to adulthood and old age, is fully established. Moreover, it is widely accepted that death of neurons occurs in certain pathologies of the brain, including neurodegenerative diseases. The dichotomy between apoptosis, as the prototype of programmed cell death (PCD), and necrosis, as the prototype of death caused by an external insult, must be carefully reconsidered, as different types of PCD including apoptosis, autophagy, pyroptosis, and oncosis have all been demonstrated in neurons.

This Special Issue focuses on the recent progress in understanding the cellular and molecular biology of the death of central neurons, as well as the underlying mechanisms of PCD in the normal and pathological brain.





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Message from the Editor-in-Chief

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