

Special Issue

Cell Death and Neurodegenerative Diseases: Mechanisms and Cytoprotective Molecules

Message from the Guest Editor

Neurodegenerative diseases include demyelinating neurodegenerative diseases: multiple sclerosis and peroxysomal and nondemyelinating leukodystrophies: Alzheimer's disease, Parkinson's disease, Niemann–Pick disease, Huntington's disease and amyotrophic lateral sclerosis or Charcot disease. One of the mechanisms involved in these pathologies is cell death, whether it be a cause or a consequence of the disease. It is therefore important to better understand the involvement of cell death, the cellular and molecular mechanisms leading to it and to identify the natural or unnatural molecules that can thwart this cell death. Apoptosis, autophagy, necroptosis or other forms of cell death can be interesting therapeutic targets to combat the development of these neurodegenerative diseases.

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