

Special Issue

Cell Death, Inflammation and Oxidative Stress in Neurodegenerative Diseases: Mechanisms and Cytoprotective Molecules 2.0

Message from the Guest Editor

Neurodegenerative diseases represent a major societal challenge. They are very debilitating, inflicting heavy demands on carers and requiring the establishment of appropriate centers for patient care. It is therefore important to know even more about the mechanisms involved in the physiopathogenesis of these diseases. Among the mechanisms involved in these pathologies, inflammation, oxidative stress, and cell death play very important roles in their pathophysiology. It is therefore important to better understand the involvement of cell death, inflammation, and oxidative stress, as well as the cellular and molecular mechanisms leading to it, and to identify the natural or unnatural molecules that can thwart these mechanisms. Apoptosis, autophagy, necroptosis, or other forms of cell death can be interesting therapeutic targets to combat the development of these neurodegenerative diseases. Cytokinic and non-cytokinic inflammation, as well as processes generating oxidative stress, could also be interesting targets to fight these pathologies.

Guest Editor

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