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Natural Products for Potential Use of Neuroprotective and Neurorestorative Effects

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Message from the Guest Editors

Neurodegenerative diseases result from a variety of pathological conditions characterized by significant cellular damage, abnormal protein presence and altered connections of the nervous system that can impair the patient's life quality. Pharmacological therapies in use for the treatment of neurodegenerative disease are still ineffective in modifying pathological changes and neurological disorders, and they provide only symptomatic relief; therefore, it is essential to seek new therapeutic strategies to treat these diseases. Natural compounds may exert positive effects on aging-related changes in the brain and are capable of modulating neurological processes, given their ability to interact with neuronal–glial signaling pathways that are implicated in neuronal survival and function. In this Special Issue, we aim to bring together research from experts in the field highlighting the neuroprotective capabilities of natural compounds to identify future directions that will lead to discoveries and alternative therapies for neurological disorders.



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Special Issue



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