

Special Issue

Therapeutic Potential of Phytochemicals in Neurodegenerative Diseases

Message from the Guest Editor

Neurodegenerative diseases are among the ten most prevalent causes of death worldwide, and they have the distinction of being the leading cause of illness and disability globally. Although therapeutic strategies have improved over the last decades, neurodegenerative disorders remain orphan illnesses, with no cure to halt their progression. Several pharmacological and nutritional approaches have been proposed to alleviate symptoms and/or delay their progression. In particular, scientists are focusing their attention on natural phytochemicals, which have been found to be less toxic compared to proposed drugs. Numerous studies have demonstrated the significant effects of phytochemicals on reversing age-related cognitive decline. These benefits are mainly mediated by the antioxidant and anti-inflammatory properties of phytochemicals, which can promote the release of neurotrophins and induce neuronal regeneration and neuroprotection. Considering all this evidence, this Topic aims to provide an in-depth exploration of a variety of natural phytochemicals in neurodegenerative disorders.

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Nutrients is an on-line open access journal that was first published in 2009. *Nutrients* adheres to rigorous peer-review and editorial processes and publishes only high quality manuscripts that address important issues related to the impacts of nutrients on human health. The Impact Factor of *Nutrients* has risen rapidly since its establishment and it is now ranked in the first quartile of journals publishing in the field of nutrition and dietetics research.

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