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The Therapeutic Use of Cannabinoids in Neurodegenerative Disorders

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Message from the Guest Editor

Cannabis has been observed to affect different brain processes in particular, due to the high numbers of cannabinoid receptors in the hippocampus, influencing memory and learning processes. To date, evidence of the beneficial effects of cannabinoids in AD and PD therapy is contradictory, where long-term effects on memory and learning seem to change according to the age of the user and the dose. Recent findings have shown an effect of cannabinoids in reducing plaque deposition and stimulating hippocampal neurogenesis. These results provide an incentive to further explore the use of cannabinoids as a potential therapeutic approach for AD and PD treatment.

This Special Issue welcomes submissions of original research articles, reviews, and short communications focusing on the mechanisms underlying the curative properties of natural and synthetic cannabinoids in neurodegenerative brain disorders. This Issue will certainly increase our understanding of the benefits and risks of marijuana components as a treatment for patients with AD and PD.



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