

Special Issue

The Therapeutic Use of Cannabinoids in Neurodegenerative Disorders

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.

Guest Editor

Dr. Simone Tambaro

Center for Alzheimer Research, Department of Neurobiology, Care Sciences and Society, Division of Neurogeriatrics, Karolinska Institutet, 171 64 Solna, Sweden

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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A major strength of biological science is the diversity of approaches that biological scientists apply to their research problems. *Biology* reflects this diversity and brings together studies employing the varied experimental and theoretical approaches that are fueling biological discovery. *Biology*, the journal, is a fully peer-reviewed publication with a rapid and economical route to open access publication and is listed on PubMed. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

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Research Programme in Molecular and Integrative Biosciences, Faculty of Biological and Environmental Sciences, University of Helsinki, P.O. Box 56, FI-00014 Helsinki, Finland

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