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Botanical Antioxidants and Neurological Diseases

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submissions:

closed (15 February 2020)

Message from the Guest Editor

This Special Issue provides an opportunity to publish studies on antioxidant botanical extracts or phytochemicals investigated in the context of neurological disease. There is tremendous interest worldwide in exploring botanicals as a source of novel therapeutic agents for neurodegenerative disorders. For example, twenty or more reviews have been published since 2016 describing studies on herbal medicines from different regions of the world as potential treatments for Alzheimer's disease. Despite differences in their aetiology, many neurological diseases possess the common pathological features of oxidative stress and mitochondrial dysfunction, which themselves are correlated. Numerous plant extracts and isolated phytochemicals have been shown to have antioxidant effects and/or effects on mitochondrial function with implications for neuronal health. We encourage you to submit your manuscript on this topic to be considered for inclusion in this Special Issue.



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Special Issue



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Editor-in-Chief

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Message from the Editor-in-Chief

It has been recognized in medical sciences that in order to prevent adverse effects of "oxidative stress" a balance exists between prooxidants and antioxidants in living systems. Imbalances are found in a variety of diseases and chronic health situations. Our journal *Antioxidants* serves as an authoritative source of information on current topics of research in the area of oxidative stress and antioxidant defense systems. The future is bright for antioxidant research and since 2012, *Antioxidants* has become a key forum for researchers to bring their findings to the forefront.

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