

Special Issue

Role of Natural Antioxidant Compounds in Slowing Neurodegeneration

Message from the Guest Editor

Neurodegeneration is a pathological process causing progressive neuronal damage, potentially leading to cell death. Currently, no drug is known to cure neurodegenerative diseases definitively. Some lifestyles may help reduce the development of these diseases. A diet focusing on fruits, vegetables, monounsaturated fats, fish, whole grains, legumes, and nuts, with moderate alcohol intake and limited red meat, dairy, saturated fats, and refined cereals, may help protect the brain. Phytochemicals show promising therapeutic potential for many human diseases. These substances often exhibit antioxidant and anti-inflammatory effects in the brain, activating protective mechanisms. This Special Issue is aimed at the following:

- Researchers dealing with neurodegeneration and the development of natural compounds capable of slowing its progression;
- Botanists describing an extract with protective properties for the brain;
- Neurologists who study the onset of neurodegenerative diseases and can propose non-pharmacological strategies to address them;
- Researchers studying microbiota and the close gut-brain connection.

Guest Editor

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About the Journal

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.

Editor-in-Chief

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