

Special Issue

Oxidative Stress and Inflammation in Movement Disorders

Message from the Guest Editors

Millions of people worldwide are suffering from incurable movement disorders, such as Parkinson's, Huntington's disease, ataxias, and amyotrophic lateral sclerosis. Along with dysfunctional neurons and glia, the role of microglia, oxidative stress and inflammation in disease progression is being increasingly recognized and supported by a significant amount of experimental data. We invite you to submit original research or review articles to this Special Issue, focusing on understanding the role of oxidative stress and inflammation in movement disorders. Submitted articles can include in vitro, in vivo and clinical studies relating to any of the following topics: causes of oxidative damage and inflammation, as well as the molecular and cellular response to oxidative damage in disease models and in patients; dysfunctional microglia in neurodegeneration; age-related and/or disease-specific changes in antioxidant defense and inflammatory pathways; and oxidative stress and inflammation biomarkers for diagnostics and monitoring disease progression and treatment efficacy. We look forward to your contribution.

Guest Editors

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Deadline for manuscript submissions

closed (30 April 2023)



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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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