

## Special Issue

# The Role of Inflammation and Oxidative Stress in Neurological Disorders

### Message from the Guest Editors

Studying the participation of inflammation and oxidative stress in the pathophysiology of several neurological disorders is crucial because they are two essential mechanisms involved in brain damage. Antioxidant (direct and indirect) and anti-inflammatory compounds could be excellent adjuvant or therapeutic alternatives to decrease the damage caused by these mechanisms in neurological diseases, as both mechanisms contain multiple targets that these compounds could regulate. This Special Issue welcomes original reports, reviews, and meta-analyses. Its aim must be to elucidate the molecular mechanisms associated with inflammation and oxidative stress implicated in neuroprotection or propose new molecules that can decrease inflammation and oxidative stress in neurological disorders.

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### Guest Editors

Dr. Perla Deyanira Maldonado

Dr. Silva-Islas Carlos Alfredo

Dr. Diana Barrera-Oviedo

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### Deadline for manuscript submissions

closed (25 January 2025)



## Brain Sciences

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## About the Journal

### Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Brain Sciences* (ISSN 2076-3425). *Brain Sciences* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on neuroscience. The scientific community and the general public can access the content free of charge as soon as it is published.

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### Editor-in-Chief

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