

## Special Issue

# Inflammation and Its Treatment in Spinal Cord Injury and Neurodegenerative Diseases

### Message from the Guest Editors

Inflammation plays a central and complex role in the pathophysiology of both spinal cord injury (SCI) and neurodegenerative diseases. Traditionally regarded as a secondary contributor to neural damage, neuroinflammation is now understood as a dynamic process that can drive both injury progression and repair, depending on its timing, intensity, and cellular context. This Special Issue aims to advance the current understanding of inflammatory mechanisms and therapeutic strategies in SCI and in neurodegenerative conditions such as Alzheimer's disease, Parkinson's disease, amyotrophic lateral sclerosis, etc.

The scope of this issue includes experimental and clinical research focused on inflammation-mediated mechanisms of neural damage, as well as the evaluation of anti-inflammatory and neuroprotective interventions. Studies addressing disease progression, cellular and molecular mediators of inflammation, and treatment efficacy in both SCI and neurodegenerative disorders are particularly encouraged.

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### Guest Editors

Dr. Angélica Coyoy-Salgado  
Prof. Dr. Julio Morán  
Dr. Julia Jeanett Segura-Uribe

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### Deadline for manuscript submissions

10 January 2027



## 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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