

## Special Issue

# Demyelinating Diseases and How They Affect the Central and Peripheral Nervous System - Molecular Disease Mechanisms, Neuropathology, Treatment and Rehabilitation

### Message from the Guest Editor

Demyelinating diseases are commonly associated with a significant reduction of quality of life, in addition to long-term sick leaves. Thus, this disease group—including conditions such as multiple sclerosis, Guillain-Barré syndrome, peripheral neuropathies, leukoencephalopathies, myelitis and neuromyelitis optica—represents a major social and economic burden. In addition, the COVID-19 pandemic has rendered this patient group more vulnerable and has limited the possibilities for in-house rehabilitation. Hence, it is paramount to increase our understanding of the underlying disease and pathological mechanisms. Equally important is to foster the translational aspect, so that findings from the basic research can be correlated to the clinic. This Special Issue invites original articles, reviews, case reports, communications and opinions about underlying disease mechanisms, as well as the neuropathology, treatment and rehabilitation of demyelinating diseases, with the aim of improving our overall understanding of these diseases and the outcome of patient care, respectively.

---

### Guest Editor

Dr. Manuel Zeitelhofer  
Karolinska Institutet, Stockholm, Sweden

---

### Deadline for manuscript submissions

closed (31 May 2023)



## Brain Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.6  
Indexed in PubMed



[mdpi.com/si/105954](https://mdpi.com/si/105954)

*Brain Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[brainsci@mdpi.com](mailto:brainsci@mdpi.com)

[mdpi.com/journal/  
brainsci](https://mdpi.com/journal/brainsci)





# Brain Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.6  
Indexed in PubMed



[mdpi.com/journal/  
brainsci](https://mdpi.com/journal/brainsci)



## 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.

---

### Editor-in-Chief

Prof. Dr. Stephen D. Meriney

Department of Neuroscience, University of Pittsburgh, Pittsburgh, PA  
15260, USA

---

### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, PSYINDEX, PsycInfo, CAPlus / SciFinder, and other databases.

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.6 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second half of 2025).

#### Recognition of Reviewers:

reviewers who provide timely, thorough peer-review reports receive vouchers entitling them to a discount on the APC of their next publication in any MDPI journal, in appreciation of the work done.