

Special Issue

Molecular Basis of Multiple Sclerosis Development and Treatment

Message from the Guest Editors

Multiple sclerosis (MS) is the most common neurological disease in young adults. Around 2.8 million people are estimated to live with MS worldwide, and the prevalence is increasing globally. Variations in disease courses and unpredictable clinical manifestations make this disease challenging to diagnose and treat. This Special Issue aims to compile original research, reviews, mini-reviews, and opinion articles addressing the molecular and cellular events underlying the onset and progression of MS, including novel aspects of current therapeutic interventions and the discovery of advanced strategies to prevent or treat this complex disease. We welcome the submission of articles covering but not limited to the following subtopics:

- Epidemiology and risk factors related to MS;
- Genetic factors of MS susceptibility;
- The role of inflammation/immune cells in MS pathology;
- Molecular and cellular mechanisms of demyelination;
- Molecular and cellular mechanisms of remyelination;
- Molecular and cellular mechanisms of neurodegeneration;
- Novel biomarkers for the diagnosis of MS;
- Mode of action of MS drugs.

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2023)



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About the Journal

Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.5 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).