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Molecular and Cellular Mechanisms of Central Nervous System Autoimmunity

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Message from the Guest Editors

This Special Issue aims to explore the complex relationships and interactions between the central nervous system (CNS) and immune system based on maintaining immune balance in our bodies and developing and responding to autoimmune diseases that affect these vital systems.

With a focus on experimental cellular biology, we welcome the submission of original research and review articles addressing the molecular and cellular events implicated in the breakdown of CNS immune tolerance; the exacerbation of inflammation, demyelination, and neurodegeneration; novel aspects of current therapeutic interventions for CNS autoimmune diseases; and the discovery of advanced strategies to prevent or treat these complex disorders.

Deadline for manuscript submissions:

closed (20 June 2025)



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Special Issue



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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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