

## Special Issue

# The Function of Astrocytes in Neurodegenerative Diseases

### Message from the Guest Editor

Accumulating studies have shown that neuroglia is not merely a passive bystander in the central nervous system but rather dynamically take part in the activities of nervous tissue. Processes of astrocytes along with endothelial cells and pericytes play a major role in maintaining the structural integrity of the blood-brain barrier. Thus, astrocytes assist the neurons structurally and metabolically. Faulty astrocyte function and pathological stimuli transforming normal astrocytes into reactive astrocytes have been implicated in the pathogenesis of neurodegeneration. Consequently, impaired astrocytic neurotransmitter signaling is involved in the pathophysiology of neurodegenerative disorders. In this special issue, we aim to emphasize the cutting-edge advances in the study of the role of astrocytes in the pathophysiology of neurodegenerative disorders. We are pleased to invite you to submit research articles, reviews and communications covering any aspect of astrocytic involvement in neurodegeneration.

### Guest Editor

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### Deadline for manuscript submissions

closed (15 February 2023)



## Cells

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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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