

Special Issue

Glutamatergic Transmission: Role of Astrocytes in Health and Disease

Message from the Guest Editors

In this special issue we aim to focus on the latest advances in the study of the role of glial cells (primarily astrocytes) in regulating glutamate transmission. By covering key components/processes of the glutamatergic system (receptors, plasma membrane and vesicular transporters, downstream signalling and metabolism) we hope to improve our understanding and fill important knowledge gaps such as differences and commonalities

between neurons and glia in the context of;

- 1) Glutamate receptors composition, properties and response
 - 2) Glutamate triggered intracellular signalling
- We are pleased to invite you to submit research articles, reviews and communications covering any aspect of glial regulation of glutamatergic transmission. Looking forward to your contribution.

Guest Editors

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Deadline for manuscript submissions

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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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).