

## Special Issue

# Molecular Mechanisms of Astrocytic Activation

### Message from the Guest Editor

Astrocytes maintain neurotransmission and the trophic support of nerve cells in the normal adult brain, but in many brain disorders, these change phenotype into reactive astrocytes, which is called “astrocytic activation”. This Special Issue, “Molecular Mechanisms of Astrocytic Activation”, is designed to collect recent findings on extracellular factors, intracellular signal molecules, and transcriptional factors that underlie the induction of astrocytic activation and the functional alterations. This Issue will welcome original reports, review articles, and commentaries on the molecular mechanisms of astrocyte activation. In addition, research reports on experiments that attempt to improve brain disorder by utilizing astrocytic function will also be welcome.

### Guest Editor

Prof. Dr. Yutaka Koyama

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### Deadline for manuscript submissions

closed (31 December 2021)



## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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### Editor-in-Chief

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