

Special Issue

Molecular Basis of Aging Brain in Health and Disease

Message from the Guest Editor

Brain aging is a physiological phenomenon that affects a variety of processes, ranging from neural and glial cell functions to higher brain functions. To date, the aging- and neurodegeneration-related alterations in brain morphology and functions have been extensively clarified. On the other hand, a number of fundamental questions related to the molecular mechanisms of brain aging have not been elucidated. Here, we invite papers that explore the key questions regarding the molecular and cellular mechanisms of brain aging, including the following topics:

- How do functional and structural abnormalities occur in neurons and glia with aging?
- How does the interaction between neurons and glial cells change during aging?
- How is the regulation of blood–brain barrier maintenance and disruption influenced by aging?
- What is the relevance of the dysfunction associated with brain aging to neurological disorders?

We would be delighted to engage in discussions on the latest developments in the field of brain aging in this Special Issue.

Guest Editor

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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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