

## Special Issue

# Neural Stem Cells as Tools for Therapies: Challenges and Future Perspectives

### Message from the Guest Editor

Illustrating the possible therapeutic potential of neural stem cells could be highly interesting. In addition to being a tool for therapeutic treatments, these cells could also serve as a paradigm for a fundamental scientific approach to neurological illnesses.

To better understand the disease and its course and to implement therapeutic intervention, it will be crucial to use NSCs in vivo and/or in vitro to study the molecular pathways involved. In this view, NSCs represent a good model for molecular studies. All works that demonstrate the potential applications and describe the molecular mechanisms of the disease or the molecular action of the therapeutic intervention in NSCs from various sources—human and animal, fetal and adult, and iPSC-derived—are welcome to be submitted to this Special Issue. We hope that our readers will gain a better understanding of this intriguing subject from this collection of excellent work.

This Special Issue welcomes the submission of original papers and reviews from fundamental and clinical science that describe molecular, cellular, and therapeutical aspects of this research topic.

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### Guest Editor

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### Deadline for manuscript submissions

31 March 2026



## International Journal of Molecular Sciences

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Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



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*International Journal of  
Molecular Sciences*  
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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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