

Special Issue

Enhancing Neurological Recovery after Stroke: Potential Therapies and Mechanisms

Message from the Guest Editor

Stroke is a leading cause of permanent disability. Recent data revealed that two in three patients with ischemic stroke were either dead or functionally dependent at 5 years post-stroke. This underlines the importance of this clinical problem and the urgency to ameliorate post-stroke functional recovery. Additionally, the role of various stroke comorbidities is not fully understood. Although many studies describe the effect of comorbidities on stroke risk, relatively few have addressed their influence on post-stroke neurological recovery. In this Special Issue of the *International Journal of Molecular Sciences*, authors are invited to submit a wide range of papers related to neurological recovery after stroke. These papers can focus on potential therapeutic strategies and treatment techniques for stroke recovery, as well as describing the effects of stroke comorbidities such as diabetes, hypertension, obesity, and vascular complications. Papers addressing the identification of relevant mechanisms through which stroke recovery could be enhanced are also welcome, as are clinical studies.

Guest Editor

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Deadline for manuscript submissions

closed (20 April 2025)



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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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