

Special Issue

Heart-Brain Interaction: Atrial Fibrillation and Stroke

Message from the Guest Editors

The interaction between the heart and the brain is complicated and closely interconnected. In considering the impact of cerebrovascular disease on patients' wellbeing and health resources, the molecular and pathological mechanisms underlying heart-brain interaction need to be further investigated. A well-established association between the heart and the brain is represented by cardiac embolisms, which account for a large porportion of all ischemic strokes. Atrial fibrillation (AF) is the most relevant risk factor for cardiac embolisms and a leading cause of ischemic stroke, heart failure and sudden death. Consequently, a more comprehensive understanding of its association with cerebrovascular disease is also needed. For this Special Issue, we invite submissions including research articles, reviews and communications on a wide range of topics. Submissions of interdisciplinary or multi-modal research papers regarding the mechanisms of brain-heart interaction are particularly welcomed. Prof. Dr. Tihamer Molnar

Guest Editors

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Deadline for manuscript submissions

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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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