



## Heart-Brain Interaction: Atrial Fibrillation and Stroke

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Deadline for manuscript  
submissions:

**closed (20 February 2025)**

### Message from the Guest Editors

Dear Colleagues,

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

Dr. Giovanna Mercurio

*Guest Editors*





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