

Special Issue

Stroke and COVID-19: Pathophysiological Links, Clinical Implications and Stroke Care in Times of the Pandemic

Message from the Guest Editors

The coronavirus disease 2019 (COVID-19) pandemic has affected stroke care globally as shown by multiple reports of decreased rates of hospital admissions and reperfusion therapy for acute ischemic stroke. Moreover, cumulative evidence substantiates an increased stroke risk for COVID-19 patients, which might be explained by altered blood coagulability and systemic inflammation leading to endothelial damage as well as platelet activation and stasis. Tailored strategies for ensuring the access of SARS-CoV-2-positive patients to multidisciplinary stroke care, monitoring COVID-19 patients for neurological symptoms and optimizing the treatment of patients with COVID-19-associated stroke are urgently needed. In this Special Issue, we aim to provide a platform for original research, literature reviews and reports on novel and meaningful cases that address this significant research gap and will contribute to improving stroke care in this time of the COVID-19 pandemic.

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