



## COVID-19 and Brain

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### Message from the Collection Editors

"COVID-19 and Brain" is dedicated to promoting and improving the basic and translational knowledge of how the human nervous system and immune systems interact in the context of acute COVID-19; it will explore the long-term neurological impact of COVID-19 and how these interactions lead to disease processes, as well as the progress of—and prognostication of—acute and long-term neurological syndromes in association with COVID-19 infection.

Neuroimmunology plays a key role in four leading disorders (stroke, migraine, dementia, and neurotrauma) that are responsible for nearly 80% of deaths and disability in low-to-middle-income countries with an opportunity to improve care globally. The pathobiology of these disorders, in relation to post-COVID-19 and brain involvement, appears to share similar acute and ongoing processes at the cellular level.

The COVID-19 pandemic is a timely reminder of the importance of neuroinflammation in brain health given the shared pathobiology of COVID-19, acute stroke, and many other acquired neurological disorders.





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## Message from the Editor-in-Chief

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