



Impact of COVID-19 on the Brain and Cognition

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Message from the Guest Editors

The Impact of COVID-19 on Cognition: Unraveling the Complexities

The COVID-19 pandemic, caused by the SARS-CoV-2 coronavirus, has unveiled a multifaceted impact on human health, transcending the realm of respiratory illness. Although initially recognized as a respiratory virus, evidence supports its intricate influence on cognitive function.

COVID-19's impact on cognition involves a complex interplay of direct neuroinvasion, neuroinflammation, hypoxia, and psychosocial factors. The potential of the virus to alter neural pathways and disrupt cognitive processes underscores the need for comprehensive research. As the world navigates this unprecedented crisis, unraveling the intricacies of COVID-19's cognitive effects holds promise for informed healthcare strategies and interventions, ensuring holistic recovery for those affected.

This Special Issue aims to delve into the nuanced effects of COVID-19 on cognition and explore the underlying mechanisms and potential ramifications.





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