



## Behavioral Disorders, Coronavirus and the Nervous System

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### Message from the Guest Editors

COVID-19 is a viral infection caused by SARS-CoV-2 with a rapid increase in the number of infected and deaths around the world from the first patient identified in December 2019. CNS infections are, in this pathology, one of the most critical problems of health, because patients frequently exhibit neurologic sequelae. Today, respiratory viruses have placed themselves as responsible for CNS pathologies and to date, several reports have described the association between respiratory viral infections and neurological symptoms, being the most frequently reported in status epilepticus, neurodegenerations, demyelinating diseases, and neurodevelopmental disorders, encephalopathies, and encephalitis, in any cases supported by cerebrospinal fluid analysis. All these views suggest that these pathogens can be spread throughout the body to reach the CNS at any moment. Thus, the current knowledge of the mechanisms and routes used by these neuroinvasive viruses' remains scarce, as well as information on the impact of comorbidities, short- and long-term neurological disorders, as well as on the neurologic sequelae, in all cases relevant to this Special Issue.

