Special Issue

Pathological Changes Associated with Congenital COVID-19 Infection

Message from the Guest Editors

On 11 March 2020, the World Health organization (WHO) declared that the disease caused by a novel SARS-CoV-2 virus denominated as COVID-19 was officially a pandemic. The pathogenetic pathway of COVID-19 is still under investigation and not fully elucidated, but due to physiological changes to the respiratory and cardiovascular apparatus occurring during pregnancy, we do know that mothers might be at a higher risk compared to the general population. Although vertical transmission of the COVID-19 has rarely been described so far, scanty data have been collected concerning maternal and neonatal complications. To reduce the potential risk of infection to mothers and their fetuses/newborns, a series of general prevention rules ranging from social distancing to hands hygiene and to the use of individual protection devices will herein be reported, as well as the use of different medication strategies, antenatal follow-up, and intrapartum/postpartum management. In this regard, protocols and guidelines developed by governments and international scientific societies will be described and compared.

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