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MNI and MIS designed the study.
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The Diagnostic and Therapeutic role of microRNAs in COVID-19 Disease

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Abstract:

Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) is responsible for the coronavirus disease 2019 (COVID-19), a pandemic associated with substantial morbidity and mortality. MicroRNAs (miRNAs) refer to a class of small endogenous non-coding RNAs that serve as powerful tools in the regulation of gene expression. They have important role in the regulation of several biological processes. miRNAs are powerful and stable non-invasive biomarkers for the diagnosis and prognosis of many diseases. miRNAs may be promising option against the novel coronavirus. In this article, we reviewed the literature on the potential role of cellular miRNAs in the diagnosis of SARS-CoV-2 and as a therapeutic option in COVID-19 patients.

