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Study confirms SARS-CoV-2 spike glycoprotein promotes a ...

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Oct 06, 2020 · A group of researchers from Australia and China recently demonstrated how SARS-CoV-2 spike glycoprotein subunit 1 can induce a pro-inflammatory signaling pathway (leading to ...

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https://www.sciencedirect.com/science/article/pii/S135961012030109X

Aug 01, 2020 · 1. Introduction. COVID-19 is a novel β-coronavirus caused by infection with SARS-CoV-2 and is closely related to SARS-CoV. It is the third zoonotic disease by coronavirus to affect humans, following Severe Acute Respiratory Syndrome (SARS) and Middle-East respiratory syndrome (MERS) [1,2].The first cases of infection by this virus were reported in a shellfish market in south ...

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COVID-19 disease, caused by infection with SARS-CoV-2, is related to a series of physiopathological mechanisms that mobilize a wide variety of biomolecules, mainly immunological in nature. In the most severe cases, the prognosis can be markedly worsened by the hyperproduction of mainly **proinflammatory cytokines**, such as IL-1, IL-6, IL-12, IFN- γ , and TNF- α , preferentially targeting lung tissue.

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Xiang-Ning Zhang¹, Long-Ji Wu¹, Xia Kong¹, Bi-Ying Zheng², Zhe Zhang³,
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Abstract An outbreak of the novel coronavirus, was reported in Wuhan,
China, in late 2019. It has spread rapidly through China and many other

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