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Basic Study

Insight into molecular mechanisms underlying hepatic dysfunction in severe COVID-19 patients using systems biology

Hepatic dysfunction mechanisms in severe COVID-19

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Bassam Mahboub, Rabih Halwani, Qutayba Hamid, Mohamed Rahmani, Rifat
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In **patients** with **severe** COVID-19 and hypoxemic respiratory failure, thick and copious mucous has been observed, with obstruction of the airways with inspissated mucous reported. 44 Significant knowledge gaps exist about the behavior of SARS-CoV-2 in infected ciliated epithelial cells of the conducting airways and whether cell damage results in disordered mucociliary function. If this occurs, it could be an ...

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