

RdRp and SARS-CoV-2

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Editorial Note

Coronavirus makes changes in body cells that cause cells not to recognise it. The resulting viral messenger RNA is now considered as part of the cell's own code and not foreign due the modifications which deceive the cell. The transmission mechanisms of COVID-19 include the infusion of the virus inside the body causes the immune defenses to a "cytokine storm", an over-activation of white blood cells, which release too-great amounts of cytokines into the blood.

Human coronaviruses are made up of various non-structural proteins like the proteases nsp3 and nsp5, as well as RdRp. They are designed with an efficient proofreading mechanism that can usually discard unwanted nucleoside analogs. RNA-dependent RNA polymerase (RdRp) occurs within the RNA genome of viruses, and is