COMPOSITIONS AND METHODS FOR TREATING CORONAVIRUS INFECTION AND SARS

ABSTRACT

[00256] The present invention provides methods of treating a coronavirus infection, and methods of reducing viral load, or reducing the time to viral clearance, or reducing morbidity or mortality in the clinical outcomes, in patients suffering from a coronavirus infection. The present invention further provides methods of reducing the risk that an individual will develop a pathological coronavirus infection, that has clinical sequelae. The present invention further provides methods of reducing the risk that an individual will develop SARS. The present invention further provides methods of treating SARS. The methods generally involve administering a therapeutically effective amount of a Type I or Type III interferon receptor agonist and/or a Type II interferon receptor agonist for the treatment of a coronavirus infection.