

New Coronavirus 2019 (nCoV-2019): Origin and Pathogenicity Mechanism

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Currently, nCoV-2019 has affected more than 100 countries around the world, including Iran. This widespread epidemic has caused concern in the scientific and medical community because little information is available about the new virus and there is no specific treatment for it. Therefore, in this article we tried to give deeper information about virus of possible origin of the new coronavirus and its relationship with other previous coronaviruses. So, the mechanism of virus entry into the human cell and the factors involved in this process, such as virus proteins, are described. Other information presented here includes clinical signs of the disease and laboratory methods for detecting the virus, the stability of the virus at different levels, the zoonotic transmission, preventive measures such as strengthening the immune system and and treatment strategies such as plasma therapy. Also, this study provides evidence of amino acid changes in genomic specimens, the creation of new species, and the possibility that the virus may develop or be laboratory. Finally, some of the issues that remain unclear are discussed here.

Keywords: Coronavirus 2019, Origin, Genomic Specimens, Mechanism, Plasma Therapy

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