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Long-COVID is a postviral illness that can affect survivors of COVID-19, regardless of initial disease

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COVID-19 will support the design of rational treatments targeting the life cycle of the virus and/or the

Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 65156

Manuscript Type: REVIEW

Neuropilin-1: A feasible link between liver pathologies and COVID-19

Benedicto A *et al.* Liver NRP-1 and COVID-19

Aitor Benedicto, Iñigo García-Kamiruaga, Beatriz Arteta

Abstract

Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) pandemic has a tremendous impact on the health of millions of people all around the world. Unfortunately, those suffering from previous pathological conditions and more vulnerable tend to develop more severe disease upon infection with the new SARS-CoV-2. This coronavirus interacts with the angiotensin-converting enzyme 2 receptor to invade the cells. Recently, another receptor, neuropilin 1 (NRP-1), has been reported to amplify the viral infection. Interestingly, NRP-1 is expressed in

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