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Author: Carl Weidinger, Ahmed Nabil Hegazy, ... Publish Year: 2021

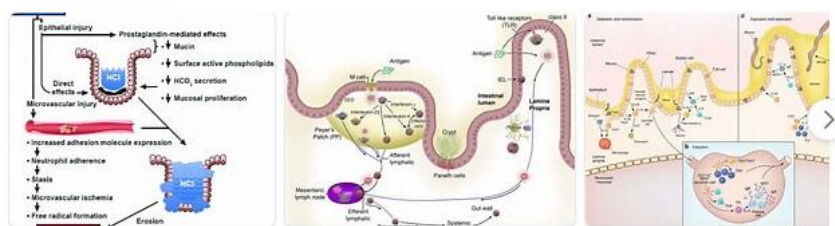
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Author: Giuseppe Vanella, Gabriele Capurso, ... Publish Year: 2021

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Although evidence suggests frequent **gastrointestinal (GI)** involvement during **coronavirus disease 2019 (COVID-19)**, endoscopic findings are scarcely reported.

Author: Giuseppe Vanella, Gabriele Capurso, Ce... **Publish Year:** 2021

Mucosal Immunity in COVID-19: A Neglected but Critical ...

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The **mucosal immune system** is the largest component of the entire **immune system**, having evolved to provide protection at the main sites of infectious threat: the mucosae. As SARS-CoV-2 initially infects the upper respiratory tract, its first interactions with the **immune system** must occur predominantl ...

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Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 65117

Manuscript Type: MINIREVIEWS

Gastrointestinal mucosal immunity and coronavirus disease 2019

COVID-19 mucosal immunity

Abstract

As the gastrointestinal tract may also be a crucial entry or interaction site of SARS-CoV-2, the gut mucosal immune system's role as the first line of physical and immunological defense is critical. Furthermore, gastrointestinal involvement and symptoms in COVID-19 patients were linked to worse clinical outcomes. This review discusses the recent data on the interactions between the virus and the immune cells and molecules in the mucosa during the infection. By carrying out appropriate investigations, the mucosal immune system's role in SARS-CoV-2 infection for therapy and prevention can be

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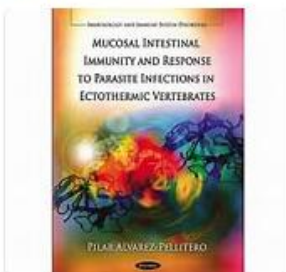
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