

**Name of Journal:** *World Journal of Gastroenterology*

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**Mesenchymal Stromal Cells Secretome in Liver Failure: Perspectives on COVID-19 Infection Treatment**

MSC Treatment in Liver Failure for COVID-19 Infection

**Abstract**

Due to their immunomodulatory potential and release of trophic factors that promote healing, mesenchymal stromal cells (MSCs) are considered important players in tissue homeostasis and regeneration. MSCs have been widely used in clinical trials to treat multiple conditions associated with inflammation and tissue damage. Recent evidence suggests that most of the MSC therapeutic effects derive from their secretome, including the extracellular vesicles (EVs), these latter representing a promising approach in regenerative medicine applications to treat organ failure as a result of

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