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Novel insights for improving the therapeutic safety and efficiency of mesenchymal stromal cells

Mehdi Najar, Johanne Martel-Pelletier, Jean Pierre Pelletier, Hassan Fahmi

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Cited by: 26 **Author:** Faroogh Marofi, Ghasem Vahedi, Alireza …
Publish Year: 2017

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Background **Mesenchymal stromal cells** (MSCs, "adult stem **cells**") have been widely used experimentally in a variety of clinical contexts. There is interest in using these **cells** in critical illness, however, the **safety** profile of these **cells** is not well known. We thus conducted a systematic review of clinical trials that examined the use MSCs to evaluate their **safety**.

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Author: Waracharee Srifa, Nina Kosaric, Alvaro ... **Publish Year:** 2020

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A promising **novel therapeutic** option in this respect is the clinical application **of mesenchymal stromal cells** (MSCs). MSCs have important effects on the innate and adaptive immune system and possess anti-inflammatory properties . In addition, MSCs can enhance repair by secreting antifibrotic and proangiogenic factors, which makes them ...

Cited by: 7 **Author:** J. R. Bank, T. J. Rabelink, J. W. de Fijter, ...
Publish Year: 2015

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