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Author: Wumei Wei, Qiang Ao, Xiaohong Wan... Publish Year: 2021

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Aug 20, 2019 · Lou G, Chen Z, Zheng M, Liu Y. Mesenchymal stem cell-derived exosomes as a new therapeutic strategy for liver diseases. *Exp Mol Med* 2017;49:e346. Article Google Scholar

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Publish Year: 2018

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Name of Journal: *World Journal of Clinical Cases*

Manuscript NO: 64057

Manuscript Type: REVIEW

Mesenchymal stem cell-derived exosomes: An emerging therapeutic strategy for normal and chronic wound healing

Zeng QL *et al.* MSC-exosomes in wound healing

Qin-Lu Zeng, De-Wu Liu

Abstract

Skin wound healing is a complex biological process. Mesenchymal stem cells (MSCs) play an important role in skin wound repair due to their multidirectional differentiation potential, hematopoietic support, promotion of stem cell implantation, self-replication and immune regulation. Exosomes are vesicles with diameters of 40-100 nm that contain nucleic acids, proteins and lipids and often act as mediators of cell-to-cell communication. Currently, many clinical scientists have carried out cell-free therapy for

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Representing the most extensively investigated multipotent stem cells, mesenchymal stem cells (MSCs) have been identified and extracted from a wide variety of tissues. Accordingly, exosomes derived from...

Author: Xin Shi, Xin Shi, Nan Jiang, Jing Mao, D... **Publish Year:** 2021

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