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<https://pubmed.ncbi.nlm.nih.gov/26268554>

Methods: Human iPSCs (iPS-S-01, C1P33, and PCKDSF001C1) were used to differentiate into iMSCs in a modified one-step method. iMSCs were characterized by flow cytometry and multipotent differentiation potential analysis. Ultrafiltration combined with a purification method was used to isolate iMSCs-Exo, and transmission electron microscopy and Western blotting were used to identify iMSCs-Exo.

Cited by: 187 Author: Guo-wen Hu, Guo-wen Hu, Qing Li, Xin ...

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In this paper, we review **methods** that induce and characterize MSCs derived **from induced pluripotent stem cells (iPSCs)** and introduce MSC applications to disease modeling, pathogenic mechanisms, and drug discovery. We also discuss the potential applications of MSCs in regenerative medicine including **cell-based therapies** and issues that should be overcome before iPSC-derived MSC therapy will be ...



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