



Application of mesenchymal stem cells therapy in the treatment of osteoarthritis



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**Name of Journal:** *World Journal of Stem Cells*

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**Application of mesenchymal stem cells therapy in the treatment of osteoarthritis of the knee: A concise review**

Ai-Tong Wang, Ying Feng, Hong-Hong Jia, Meng Zhao, Hao Yu

### Abstract

Osteoarthritis (OA) refers to a chronic joint disease characterized by degenerative changes of articular cartilage and secondary bone hyperplasia.

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Published in: BMC Musculoskeletal Disorders · 2016

Authors: Julien Freitag · Dan Bates · Richard L Boyd · Kiran Shah · Adele Barnard · Leesa Hug...

Affiliation: Monash University

About: Epidemiology · Osteoarthritis · Rheumatology · Internal medicine · Orthopedic surgery

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Mesenchymal stem cells; Osteoarthritis. Summary As the most common form of joint disorder, osteoarthritis (OA) imposes a tremen- ... OA. can affect all synovial joints, with the hip and knee being ... therapy may rely on the therapeutic use of stem cells. ..... Concise. review: the clinical application of mesenchymal stem cells.