

## Special Issue

# Mesenchymal Stem Cells in Health and Disease 2.0

### Message from the Guest Editor

Mesenchymal stem cells (MSCs) are self-renewable, adult stem cells that reside in almost all postnatal tissue and organs, where they regulate homeostasis and promote the repair and regeneration of injured tissues. MSC-derived extracellular vesicles (MSC-EVs) have shown beneficial therapeutic effects similar to those observed after the transplantation of their parental cells. Due to their immunosuppressive and regenerative properties, MSCs and their EVs have been considered as potentially new therapeutic agents in the treatment of inflammatory and degenerative diseases. This Special Issue calls for original research and review articles that may provide novel insights regarding the molecular and cellular mechanisms that are responsible for MSC-based effects and also current knowledge and future perspectives regarding the therapeutic application of MSCs and MSC-EVs in experimental and clinical settings.

### Guest Editor

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### Deadline for manuscript submissions

closed (30 June 2023)



## International Journal of Molecular Sciences

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Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



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*International Journal of  
Molecular Sciences*  
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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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