

Special Issue

Role of Mesenchymal Stem Cells in Cancer Cell-Based Therapy

Message from the Guest Editor

Mesenchymal stem cells (MSCs) are among the most frequently used cell type for regenerative medicine. Many studies have shown the beneficial effects of MSC-based therapies to treat different pathologies, including neurological disorders, cardiac ischemia, diabetes, and bone and cartilage diseases. However, the therapeutic potential of MSCs in cancer is still controversial. While some studies indicate that MSCs may contribute to cancer pathogenesis, emerging data have reported suppressive effects of MSCs on cancer cells. The aim of this Special Issue is to provide a platform for molecular mechanistic research on mesenchymal stem cells, with a particular emphasis on cell-based cancer therapy. We welcome your contributions of original studies and reviews based on molecular and cellular findings.

Guest Editor

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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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