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Co-culture of BM2 and bone marrow mesenchymal stem cells (BM-MSCs) revealed suppression of proliferation, a decrease in stem cell-like properties, and inhibition of invasion in BM2 cells. MiR-23b derived from BM-MSCs can induce dormancy through the suppression of a target gene, myristoylated alanine-rich C kinase substrate (MARCKS), which ...

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Author: Aiko Sueta, Yutaka Yamamoto, Hirotaka I...

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May 11, 2020 · Role of exosomal microRNAs in lung cancer biology and clinical applications. Chengping Hu. ... including that of lung cancer, transfer of exosomal miRNA between cancer and stromal cells has been demonstrated to be linked with cancer initiation and ... Hypoxic bone marrow-derived mesenchymal stem cells: NSCLC cell lines including H358, A549 ...

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Author: Chengping Hu, Silke Meiners, Christina L...

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Mesenchymal stem cells-derived exosomal microRNAs ...<https://link.springer.com/article/10.1007/s11427-016-0240-4> ▾

Nov 18, 2016 · Mesenchymal stem cells (MSCs) possess potent immunomodulatory properties and facilitate tissue repair by releasing exosomes, which generate a suitable microenvironment for inflammatory resolution. Exosomes contain several effective bioactive molecules and act as a cell-cell communication vehicle to influence cellular activities in recipient cells.

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Author: Dongdong Ti, Haojie Hao, Xiaobing Fu, W...

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