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## Mesenchymal stem cells as therapeutic agents and in gene delivery for the treatment of glioma

Key words: Cancer, Glioma, Mesenchymal stem cells, Stem cells, Therapy

## Research Summary

This review mainly focused on the function of MSCs in the therapy of glioma. The key roles they played in the following aspects:

- Migration: tumor-tropic
- Direct effects of on glioma
- Delivery of therapeutic genes
- Delivery of viruses
- Delivery of miRNA

## Innovation points

Introduction of characteristics and tropism of MSC

 Summary the directly effect of MSC on gliomas by Paracrine effect.

 Emphasis MSC could inhibit the development of glioma by delivery of therapeutic genes, viruses and miRNA.

