

## USE OF EXOSOMES DERIVED FROM MESENCHYMAL STROMAL CELLS IN THE TREATMENT OF ALZHEIMER'S DISEASE

Alzheimer's disease is a disease that is described as a progressive dementia in which there is cell death of neurons and progressive deterioration in various functions of the body.

- Mesenchymal Stromal Cells (MSC) have demonstrated their therapeutic potential for the treatment of Alzheimer's.
- MSCs can stimulate neuronal regeneration through vascular endothelial growth factor (VEGF), brain-derived neurotrophic factor (BDNF), and nerve growth factor (NGF).
- These factors transfer various anti-inflammatory and regenerative effects to cells, protecting neurons against this condition.

miR-233 is an important microRNA that has now shown a neuroprotective and antiinflammatory effect.

If you were diagnosed with Alzheimer's disease, at Red Exocel we are here to help you.

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