



USE OF EXOSOMES

DERIVED FROM MESENCHYMAL
STROMAL CELLS IN THE TREATMENT OF

AUTISM

Autism Spectrum Disorder (ASD) is a disorder that involves neurodevelopmental disabilities such as social communication deficits, repetitive behaviors, attention deficit and in some cases hyperactivity and sleep disorder.



- Although the pathological mechanism of autism is complex, neuroinflammation and dysregulation of the immune system are known to be linked to children with ASD.
- Exosomes derived from Mesenchymal Stromal Cells (MSC) have shown great efficacy and safety in the treatment of neurological disorders.
- Exosomes contain bioactive factors with the capacity to increase the proliferation of neurons, as well as stimulate the development of neuronal connections.

- They have also shown their ability to increase the levels of anti-inflammatory cytokines, IL-1 β , TNF- α and IL-6 sufficient to counteract the disease.

If you were diagnosed with Autism, or any of your family members, At Red Exocel we are here to help you.

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