

USE OF EXOSOMES DERIVED FROM MESENCHYMAL STROMAL CELLS IN THE TREATMENT OF **GRAFT VERSUS HOST DISEASE**

Graft-versus-host disease (GVHD) occurs when, after a cell transplant, the transplanted cells attack the tissues of the recipient patient.

- Mesenchymal Stromal Cells (MSC) have shown an important ability to regulate the immune system, through the exosomes they release.
- Exosomes are particles that contain molecules with powerful therapeutic effects, such as the inhibition of the immune response against the tissue.
- Within the exosomes is the microRNA miR-233, which has shown potential to alleviate the manifestations of GVHD.

If you were diagnosed with Graft versus Host disease, at Red Exocel we can help you.

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