

## USE OF EXOSOMES

DERIVED FROM MESENCHYMAL  
STROMAL CELLS IN THE TREATMENT OF

# ASTHMA

Asthma is a chronic inflammatory disease of the airways characterized by shortness of breath, coughing, wheezing, and chest tightness.

- Asthma is caused by inflammation of the airways, which limits the flow of air to the lungs. Inflammation occurs as part of an exaggerated immune response to various components recognized as threats (allergens).
- Mesenchymal stromal cells (MSC) have the ability to regenerate tissue and regulate the inflammatory response. They achieve their therapeutic action through the exosomes they release.
- Exosomes are particles that contain multiple biomolecules inside. Factors such as TGF- $\beta$  or IDO have been shown to promote anti-inflammatory effects.

If you were diagnosed with asthma  
at Red Exocel we can help you.

Trunk Cell Bank endorsed by COFEPRIS.  
Sanitary license 21-TR-02-004-0003

