



## USE OF EXOSOMES DERIVED FROM MESECHYMAL STROMAL CELLS IN THE TREATMENT OF OSTEOPOROSIS

Osteoporosis is a disease in which bone degeneration and loss occurs, which increases the risk of fractures.

- Mesenchymal Stromal Cells (MSC) have scientifically proven their therapeutic potential as a treatment for osteoporosis.
  - The exosomes released from the MSCs are particles that contain multiple regenerative factors inside and that contribute to creating an optimal microenvironment for bone regeneration.
  - Through their content, exosomes achieve an anti-inflammatory effect that promotes bone recovery and regeneration.
- TGF- $\beta$ , IGF, FGF and PDG are exosomal growth factors that have been attributed a useful regenerative potential in the therapy against osteoporosis.

If you were diagnosed with Osteoporosis  
At Red Exocel we are here to help you.

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