

## USE OF EXOSOMES DERIVED FROM MESENCHYMAL STROMAL CELLS IN REGENERATION OF FACIAL SKIN

In addition to the damage caused by exposure to the environment, the skin also undergoes changes during the aging process, such as the appearance of wrinkles and expression lines. All this is manifested in the appearance of the face, reflecting a state of fatigue and poor health.



- Mesenchymal Stromal Cells (MSC) have recently demonstrated their ability to restore skin damage by acting as an anti-aging and regenerative agent.
- MSCs release various chemical compounds contained in exosomes. In this way they manage to stimulate the production of specialized cells such as fibroblasts and keratinocytes in the skin.
- bFGF, VEGF, and TGF- $\beta$  are important growth factors produced by MSCs that have been attributed their skin regenerative properties.

If you want to restore and rejuvenate the skin on your face, at Red Exocel we can help you.

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(664) 779 4397