

MSC THERAPY FOR CHRONIC KIDNEY DISEASE

A Promising Approach for Kidney Health and Recovery



Célebre
The Celebrities' Choice

CELESTIALAB
ETHICAL LIFE SCIENCE

ALPS
ETHICAL LIFE SCIENCE

HOW DO MSC WORK FOR CKD?

- **Anti-Inflammatory Effects:** MSCs help reduce inflammation in the kidneys, a key factor in CKD progression.
- **Tissue Regeneration:** They promote the repair and regeneration of damaged kidney tissues.
- **Immune Modulation:** MSCs balance the immune response, reducing the risk of further kidney damage.

BENEFITS OF MSC FOR CKD

- **Reduces Kidney Inflammation:** Helps lower chronic inflammation, which can slow the decline of kidney function.
- **Promotes Kidney Repair:** Encourages the regeneration of healthy kidney cells, potentially improving overall kidney health.
- **Minimally Invasive Procedure:** MSC therapy is non-surgical and has a good safety profile.
- **Delays Progression to ESRD:** Could potentially delay or prevent the need for dialysis or a kidney transplant.

MSCs target inflammation and fibrosis—the scarring that occurs in the kidneys—helping to preserve and even restore kidney function. By addressing these root causes, MSC therapy offers a novel approach to slowing or reversing CKD progression.

WHY CONSIDER MSC FOR CKD?

- **Promotes Tissue Repair and Regeneration:**

MSCs have the unique ability to promote the regeneration of damaged kidney cells. They release growth factors and other bioactive molecules that help repair and regenerate kidney tissue, potentially improving overall kidney function and slowing the progression of CKD.

- **Reduces Dependence on Dialysis:**

For many patients with advanced CKD, dialysis is a lifelong requirement that significantly affects quality of life. MSC therapy has the potential to improve kidney function, possibly reducing or delaying the need for dialysis.

- **Minimally Invasive and Safe:**

MSC therapy is a minimally invasive procedure that can be performed safely in a clinical setting. Studies have shown that MSCs are well-tolerated with a strong safety profile, making it a viable option for many patients.