

## Therapy – Cell Therapy

# Mesenchymal Stem Cells with increased therapeutic potential for the treatment of cancer

Oficina de  
**TRANSFERENCIA  
DE TECNOLOGÍA**  
Sistema Sanitario Público de Andalucía

A research group from Andalusian Public Health System (APHS) has developed a treatment for certain types of cancer using pre-treated Mesenchymal Stem Cells.



### Description

The use of Advanced Therapy Medicinal Products (ATMPs) has become a promising alternative in regenerative medicine. Among these ATMPs, there is the Cell Therapy with Mesenchymal Stem Cells (MSC), which have a great anti-inflammatory and immunomodulatory capacity, and also the possibility of regenerating certain tissues.

Mesenchymal Stem Cells have shown high therapeutic potential in several diseases, although their application for the treatment of cancer requires even greater research efforts.

In this context, a research group from the APHS has developed a treatment for certain types of cancer using pre-treated mesenchymal stem cells (MSCs).



### Advantages

1. Therapeutic potential of Mesenchymal Stem Cells against cancer.



### Intellectual Property

The technology is protected by PCT patent application.



### Aims

The research group is looking for a collaboration agreement for further development or a licence agreement.



### Classification

Area: Biotech – Pharma (Therapy)  
Technology: Cell therapy  
Pathology: Oncology