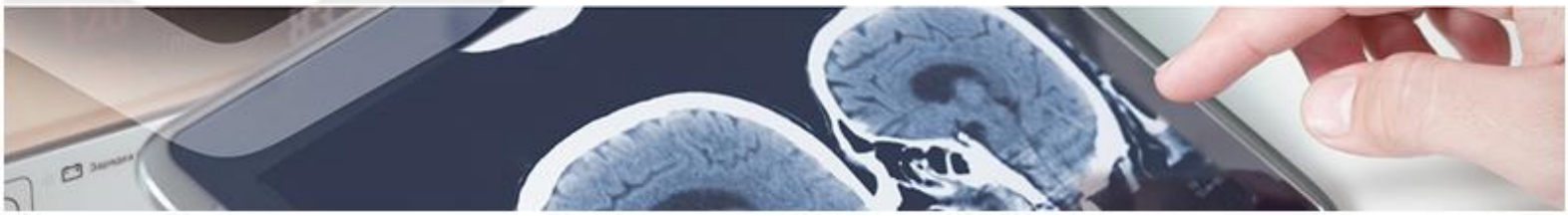
Therapy

Magnetic Biomaterial

An in vitro method of preparing an artificial tissue by employing magnetic particles, to increase, restore or partially or completely replaced the functional activity of a tissue or organ damaged.

Oficina de TRANSFERENCIA DE TECNOLOGÍA
Sistema Sanitario Público de Andalucía



Description

This new biomaterial provides novel serum free conditioned media that support growth in vitro and conservation of potential cancer stem cell pluripotency and maintenance of these cells in an undifferentiated state while allowing no survival of differentiated cells.

Intellectual Property

This technology is protected by patent.

Advantanges

One of the advantages of this magnetic Biomaterial is that provides a serum-free conditioned medium which resolves the problems of other media used for this purpose because it does not require prior handling of the cells and also can be from a small population no additional cost.

On the other hand, favors the in vitro proliferation and maintenance of pluripotency potential that allows the maintenance of an undifferentiated state in the subpopulation of cancer stem cells and in turn does not permit the survival of differentiated cells.

Aims

The group is looking for a license agreement exploitation and / or collaboration

Classification

Area: Therapy
Technology: Biomaterial
Pathology: Cancer

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FIBAO
FUNDACIÓN PÚBLICA ANDALUZA PARA LA INVESTIGACIÓN BIOSANITARIA DE ANDALUCÍA ORIENTAL ALEJANDRO OTERO

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