

REGENERATION CELL THERAPY FOR BRAIN HEMORRHAGIC STROKES: FB-1002

Description

Implant of autologous bone marrow stromal cells from the patient, for the treatment of after-effects in brain hemorrhagic stroke.

Indications

Neovascularization through the treatment with marrow stem cells in brains that have suffered a brain stroke.

Product

Autologous bone marrow stromal cell suspension.

Preclinical Trials

An experimental model to brain hemorrhagic injury in adult Wistar rats was developed for a subsequent treatment with heterologous cell therapy.

The preclinical study was finished by the end of 2011 with excellent results that confirmed our main hypothesis.

Publications

1. Vaquero J. et al. (2006). **"Cell therapy using bone marrow stromal cells in chronic paraplegic rats: systemic or local administration"**. Neurosci Lett; 398 (1-2): 129-34.
2. Otero L. et al. (2011). **"Allogeneic bone marrow stromal cell transplantation after cerebral hemorrhage achieves cell transdifferentiation and modulates endogenous neurogenesis"**. Cytotherapy, July 2011.

Intellectual Property

- Spanish Patent GRANTED (date of concession 30-Jan-2012)
- European Patent pending: Priority date 20th November 2011
- The application is pending in: USA, Australia, Canada, Brazil, China, India, Russia and Japan.

