

Name of journal: World Journal of Gastroenterology

ESPS Manuscript NO: 13130

Column: CASE REPORT

Failure of interferon- γ pre-treated mesenchymal stem cell treatment in a patient with Crohn's disease

Andrea Taddio, Alberto Tommasini, Erica Valencic, Ettore Biagi, Giuliana Decorti, Sara De Iudicibus, Eva Cuzzoni, Giuseppe Gaipa, Raffaella Badolato, Alberto Prandini, Andrea Biondi, Alessandro Ventura

Abstract

Mesenchymal stem cells (MSC) are cells of stromal origin which exhibit unlimited self-renewal capacity and pluripotency *in vitro*. It has recently been observed that MSC may also exert a profound immunosuppressive and anti-inflammatory effect both *in vitro* and *in vivo* with consequent potential use in autoimmune disorders. We present the case of a

Match Overview

1	Internet 24 words crawled on 13-Oct-2009 www.pubmedcentral.nih.gov	1%
2	CrossCheck 33 words M. Duljestein, "Autologous bone marrow-derived mesenchymal stromal cell treatment for refractory luminal Crohn's	1%
3	CrossCheck 21 words Daniel J. Weiss, "Mesenchymal Stem Cells for Lung Repair and Regeneration", Stem Cells in the Respiratory System	1%