
DAMIÁN GARCÍA OLMO

CV

PARTICIPANT AT:

ADVANCED CELLULAR THERAPIES
AND REGENERATIVE MEDICINE. THE
PROMISE IN THE 21ST CENTURY



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Dr. Damian Garcia-Olmo is currently Professor of Surgery and Chief of Surgery Department at Fundacion Jimenez Díaz University Hospital (Universidad Autónoma de Madrid, Spain). He's more than 25 years of experience both in the clinical setting as well as in research. His Team has been world pioneer in the use of adult mesenchymal stem cells derived from adipose tissue (ASC) in human cell therapy. From 2002, they led a clinical trial process about the use of ASC for the treatment of Crohn´s disease including Phase III clinical trials. As relevant events can be noted as follow: five international patents in the field of Regenerative Medicine, two cells medicines developed and Two companies created based to this scientific activity. In the last 15 years, his Group has been also investigating, in collaboration with other international research groups, in analyzing the transforming ability of Circulating Nucleic Acids in Plasma/Serum (CNAPS) from patients with colorectal cancer on ASC. This was previously demonstrated in vitro and in animal models, suggesting an infectious origin of cancer, and was tentatively named as the Genometastasis Theory (original theory).

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