Cell Therapy-2013

OMICS Group Conferences
Accelerating Scientific Discovery

2nd International Conference and Exhibition on
Cell & Gene Therapy

October 23-25, 2013 Holiday Inn Orlando International Airport, USA

Ethos, ethics, bioethics and stem cells. Is everything allowed?

Vassilis Katsares

Embryolab SA, Greece

Abstract

“Ethos” is a Greek word, meaning the "character" that is used to describe the guiding beliefs or ideals that characterize a community, nation, or ideology. Ethos is the root word for “Ethics”, also known as moral philosophy, which involves systematizing, defending, and recommending concepts of right and wrong conduct. Bioethics is a new composite term derived from the Greek words “bios” (i.e. life) and “ethos”, and describes the study of typically controversial ethics brought about by advances in biology and medicine. A novel branch of modern Biology and Medicine, known as Regenerative Medicine, focuses on innovative cellular and molecular therapy approaches, and undoubtedly Stem Cells play a major role towards that direction. Stem cells where from? There are natural and induced, pre- and post- birth, pluripotent cells for any potential case of cellular therapy, as well as gene therapy projects. A lot of money is spent globally on biotechnological stem cells projects, making the whole globe a potential market of any kind of illness. However, are stem cells a Panacea for all ills? Can everyone afford it? Are all the procedures for the stem cells isolation ethically acceptable? Whatever is legal is always ethical, as well? And finally, is everything allowed? How is the one to set the bounds? These are some of the questions to focus on, with a bioethical point of view.

Biography

Vassilios Katsares has completed his Ph.D. and postdoctoral studies from the School of Biology at Aristotle University of Thessaloniki, in the field of Populational Molecular Genetics. His main research interests cover many aspects of Molecular Genetics, Cellular Therapy projects, and bioethics. He has published 16 papers in reputed journals and has more than 17 presentations at International Conferences and Congresses. He is serving as an editorial board member of several journals. His biography is included in “Who is Who in the World” (Marquis) since 2010.