

Abstract:

Regenerative Medicine represents a new therapeutic approach aimed at the biological reconstruction of a tissue or an organ rather than replacing it. Adapting to the genetic and molecular profile of the individual patient, Regenerative Medicine integrated with the use of stem cells can develop targeted therapies, diagnoses, prognoses and solutions, creating a sort of "personalized medicine".

Thanks to the use of this "new medicine" and stem cells, in the future it will be possible to think not only about the cure of the disease or its symptoms, but above all the identification of the causes of the disease, thus improving the quality of life of the patients. Stem cells are the new frontier of Regenerative Medicine, Biotechnology and Bioengineering studies. It is the need to combine the knowledge of different and increasingly complex disciplines that can lead to innovative solutions.

These seminars are intended to be a contribution to deepening the future of research and its applications in regenerative therapies.