

Special Issue

Advances in Regenerative Medicine and Tissue Engineering

Message from the Guest Editors

Tissues and organs of the body have both structure and function, therefore in tissue engineering any proposed approach must be able to mimic the morphology and characteristics of the original tissue or be able to stimulate the regeneration of the original tissue. In regenerative medicine, it is important to consider many aspects such as the material used, the structure of the scaffold, the growth factors, and the cell populations, in particular stem cells. This Special Issue on bone and tissue regeneration aims to highlight the new approach of treatment based on the comprehension of the physiology and the interplay between different cell types. Topics include but are not limited to the following:

- Use of MSCs in regenerative medicine;
- Control of angiogenesis in tissue regeneration;
- New approaches of MSC isolation from different sources;
- Bioactive bone substitution.

Guest Editors

Dr. Tullio Genova

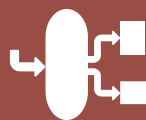
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