

Special Issue

Stem Cell and Biologic Scaffold Engineering

Message from the Guest Editor

Tissue engineering and regenerative medicine is a rapidly evolving research field, which combines effectively stem cells and biologic scaffolds in order to replace damaged tissues. Biologic scaffolds can be produced through the removal of resident cellular populations using several tissue engineering approaches such as the decellularization method. Indeed, the decellularization method aims to develop a cell-free biologic scaffold, while the extracellular matrix (ECM) could be preserved intact. Furthermore, biologic scaffolds have been investigated for *in vitro* potential of whole organ development. The ultimate goal is the development of “*artificial*” tissues similar to native ones, which is achieved by combining properly stem cells and biologic scaffolds, thus bringing them one step closer to personalized medicine. This Special Issue will accept original research articles and comprehensive reviews that deal with the use of stem cells and biologic scaffolds that utilize state-of-the-art tissue engineering and regenerative medicine approaches.

Guest Editor

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Editor-in-Chief

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