Special Issue

Research and Application of Stem Cells in Regenerative Medicine

Message from the Guest Editors

Regenerative medicine is a long-standing field of research focused on the repair or regeneration of damaged tissues or organs. It relies on a combination of approaches, including stem-cell therapy, tissue engineering, and cell reprogramming. Due to their ability to extensively proliferate and differentiate into different cell types, stem cells offer a promising strategy for the progress in regenerative medicine, and a platform to conceive new therapeutic tools through a multidisciplinary integration. This Special Issue aims to be a common ground collecting and integrating the latest advances in the application of stem cells in regenerative medicine. We are interested in a wide range of papers, including novel cell types under investigation for cell therapy and improvements in existing cell availment. It also aims to acquaint the scientific community with tissue-repair processes and homeostasis, with cutting-edge approaches in research and application of stem-cell-based therapies, and with stem cell's interaction with the target macro- and micro-environment.

Guest Editors

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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