



## Clinical Trends in Regenerative Medicine

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### Message from the Guest Editor

What was once considered impossible in medicine is finally becoming possible—tissue regeneration in the treatment of many diseases and conditions. The goal of regenerative medicine is to untangle the language of cells and to develop new treatments to be able to restore or establish normal function by replacing, engineering, or regenerating human cells, tissues, or organs that have been lost or injured due to age, disease, or congenital defects. Regenerative medicine propagates gentle and minimally invasive interventions that are used in both acute injuries and chronic inflammatory conditions. It involves research in multiple areas, each of which is complex, but together, they stand as a powerful combination of technologies, such as stem cells, gene editing, nuclear transfer, proteomics, pharmacology, nanotechnology, tissue engineering, three-dimensional printing, and biomanufacturing. The research in all these fields and disciplines advances rapidly.

With this special issue, we hope to encourage submissions that discuss the current state-of-art, address the developing approaches and focus on the current strategies to pursue the objectives of regenerative medicine.





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