



Molecular Advances in Dental Pulp Tissue Engineering

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Message from the Guest Editors

In recent years, creative and multi-faceted attempts have been made to regenerate this valuable tissue using advanced molecular biology methods. Promising approaches based on tissue engineering and regenerative medicine (TERM) have been developed for this purpose. These stem-cell-based or primarily cell-free procedures use specifically customized scaffold materials and biologically active molecules to achieve true regeneration of the dental pulp in terms of both its architecture and function. Several of these approaches are already taking requirements for clinical application into consideration.

This Special Issue aims to present the scientific progress in this field of research. The goal is to collect innovative studies in the field of stem cell biology, scaffold material development or molecular signaling that contribute to the transfer of this knowledge from the bench to the dental clinic.





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Message from the Editor-in-Chief

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