Special Issue

Skin Tissue Regeneration and Wound Healing

Message from the Guest Editors

Skin tissue regeneration and wound healing are complex processes that involve multiple cell types and molecular signaling pathways. There has been growing interest in developing new strategies for promoting skin tissue regeneration and wound healing. Nevertheless, there is still a lack of knowledge regarding the identification of key factors that can be modified to improve skin tissue regeneration and wound healing. This Special Issue provides the recent advancements in the field of study, focusing on the role of the inflammatory response, production of the extracellular matrix from fibroblasts, the function of stem cells, evaluation of the biomimetic model, and the development of novel therapies including biomaterials and nanotherapeutics for non-healed and chronic wounds. Overall, this Special Issue provides crucial scientific information about skin tissue regeneration and wound healing for researchers and clinicians.

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