

Special Issue

Burn Wounds Management: Challenges and New Perspectives

Message from the Guest Editor

Burn injuries represent a major global health problem, with high mortality rates, significant morbidity, and increased costs. Proper diagnosis of the wounds is the first and one of the most important factors in choosing the correct treatment, which can effectively lead to optimum wound healing and fewer complications. New perspectives in burn wound coverage are intensively studied, like skin substituents (fish skin, pig skin), bone marrow-derived mesenchymal stem cells, adipose tissue-derived mesenchymal stem cells, artificial skin grafts, or vacuum therapies. Also, conventional wound healing agents (topical antimicrobialagents) fail to penetrate efficiently into the eschar and to control sub-eschar bacterial microbial invasion, and it is a domain requiring further research. Therefore, this Special Issue aims to increase awareness of the importance of rapid and specific burn wound management, the effect of proper interventions to reduce mortality and long-term morbidity, and to present new perspectives regarding burn wound healing and coverage methods.

Guest Editor

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