



## Advanced Therapies and Functional Materials for Wound Healing

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### Message from the Guest Editor

Over the past few years, research on wound healing has taken major steps forward and widely advanced our understanding in the field on a molecular to clinical level. This has led to the development of potential new therapies and therapy applications expected to provide benefit to the treatment of complicated chronic wounds as well as acute wounds with a major loss of functional tissue. A great deal of this progress is due to efforts that bridge across disciplines including developmental biology, chemistry, pharmacology, engineering, and clinical medicine. The focus of this Special Issue is to bring together the most recent developments and state-of-the-art research works in advanced therapies and functional materials for wound healing.

Suitable topics include, but are not limited to: cell-based therapy, functional materials, nanomedicine, drug development and mechanisms of drug action, materials engineering, translational and clinical wound healing, scarless healing, skin repair and regeneration, wound infections, innate and acquired immunity, and the microbe–host response.





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## Message from the Editor-in-Chief

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