

Special Issue

Advanced Therapies and Functional Materials for Wound Healing

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.

Guest Editor

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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