

Special Issue

Discovery of Natural Products to Promote the Wound Healing

Message from the Guest Editor

During the wound healing process, oxidative stress response and inflammatory response usually slow down healing. Especially in complex wounds such as diabetic foot injuries, due to the continuous inflammatory response, the microenvironment of the wound deteriorates, making it difficult to heal. Natural products can eliminate free radicals and, therefore, reduce oxidative stress. At the same time, they promote local wound angiogenesis and accelerate wound healing. Today, there is a trend towards utilizing natural compounds applied in various wound repair fields, including pharmaceutical drug delivery, clinical therapies, surgeries, cosmetics, medical devices, marketed products, etc. This Special Issue will highlight various novel natural compounds used to promote wound healing. We invite both reviews and original articles that shed light on past challenges via using natural plant-derived compounds to treat various wounds. Topics may include natural molecules and their nanoparticles and natural hydrogels, as they act as multifunctional biomaterials, drug delivery carriers, or regulatory platforms for curing wounds, as well as in tissue engineering and regenerative medicine.

Guest Editor

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Message from the Editor-in-Chief

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We hope to handle your contribution to *Pharmaceuticals* soon.

Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

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