

Special Issue

Tissue-Guided Repair

Message from the Guest Editors

Secondary to a tissue injury, various biological pathways are activated locally and systemically to promote wound healing, considered one of the most complex and dynamic biological processes in the human body. Some diseases and deficiencies or severe local trauma (diabetes, chronic kidney disease, autoimmune diseases, burns, major surgery) impairs tissue healing, leading to atrophic or hypertrophic scarring, wound dehiscence, high risk of local infection, and the development of chronic wounds. Over the years, many aspects of the wound-healing process have been studied. Recent research analyses of the role of immunomodulation have uncovered the new role of different wound dressings, antimicrobial particles, or adipose-derived stem cells in promoting proper wound healing and reducing the risk of improper scarring and chronic wound development. This Special Issue aims to emphasize the importance of controlling the wound to improve the healing process and to prevent scar formation, to promote research in this field, and to permit the exchange of experiences among specialists. All types of papers regarding this topic can be submitted.

Guest Editors

Dr. Tiberiu Paul Neagu

1. Major Burn Center, Emergency Clinical Hospital of Bucharest, 014461 Bucharest, Romania
2. Department of Plastic, Aesthetic and Reconstructive Microsurgery, "Carol Davila" University of Medicine and Pharmacy, 020021 Bucharest, Romania

Dr. Ileana Peride

Department of Nephrology, Clinical Department No. 3, "Carol Davila" University of Medicine and Pharmacy, Bucharest, Romania

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
medicina@mdpi.com

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Editor-in-Chief

Prof. Dr. Edgaras Stankevičius
Medical Academy, Lithuanian University of Health Sciences, Kaunas,
Lithuania

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