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Stem Cell Therapy: Wound Healing and Skin Regeneration

Guest Editors:

Dr. Markus H. Frank

Boston Children's Hospital,
Harvard Medical School, Boston,
MA, USA

Dr. Natasha Y. Frank

Brigham and Women's Hospital,
Harvard Medical School, Boston,
TX, USA

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submissions:

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Message from the Guest Editors

Dear Colleagues,

Skin regenerative self-renewal and repair following wounding are thought to be driven by adult stem cells that continuously replenish the epidermis, dermis, and skin appendages. Stem cell loss or dysfunction likely contributes to age-related or inflammatory skin disorders, including declines of skin elasticity and barrier function, hair loss, dysregulation of immune homeostasis, and impaired wound healing. Nonhealing wounds pose a significant health problem in older patients who often also suffer from chronic systemic disorders. While stem cell transplantation carries great promise in the field of regenerative medicine, the precise contributions of stem cell dysfunction to skin aging and inflammation, and hence the potential therapeutic role of stem cells for aging prevention and/or the treatment of wound healing disorders, are currently only beginning to be explored. This Special Issue is aimed at presenting cutting-edge research in the fields of skin regeneration, wound healing and stem cells therapy.

For further reading, please visit the [Special Issue website](#).

Sincerely,

Dr. Markus H. Frank
Dr. Natasha Y. Frank
Guest Editors



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Special Issue



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6-145 Jackson Hall, 321 Church St
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Biotech Research & Innovation
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Copenhagen, Copenhagen,
Denmark

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Contact Us

Cells Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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