

Special Issue

Stem Cells for Cutaneous Wound Healing

Message from the Guest Editors

Chronic (e.g., diabetic foot ulcers, venous leg ulcers, pressure ulcers) and fibrotic (e.g., hypertrophic scars, keloids) cutaneous wounds affect millions of patients worldwide and, considering the aging and multimorbid population, represent an increasing challenge and socio-economic burden. With an expanding number of clinical trials and hundreds of commercially available products, stem-cell-based therapies have emerged as one of the most promising therapeutic solutions in regenerative medicine. This Special Issue aims to present cutting-edge research in the fields of skin regeneration, wound healing, and stem cell therapy. Special interest is devoted to research projects focused on innovative cell delivery systems to improve cell engraftment at the implantation site, in vitro preconditioning tools to enhance clinical efficacy, genome-engineering strategies to increase functional properties, and scalable cell manufacturing processes to promote commercial translation. We welcome the submission of original research articles, short communications, reviews and systematic review articles.

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