



BioMed Research International

Special Issue on

Skin Regeneration, Repair, and Reconstruction

CALL FOR PAPERS

Skin Regeneration and wound healing require an orchestrated integration of complex biological and molecular events, which include inflammation, proliferation, and remodeling. Despite the current use and availability of a wide array of wound dressings, ointments, and devices, wound healing still remains a clinical challenge, especially in elderly, diabetic, heavy smokers, or burned patients. Such wounds if not treated effectively eventually end up in amputations or disfiguring scars termed as hypertrophic scars and keloids, because surgical procedures such as local or free flaps go along with limited donor site availability and require stable general health condition of the patients.

Therefore, there is a need of new strategies to promote or at least coadjuvantly help wound healing and tissue repair. We invite authors to submit original research articles as well as review articles to this special issue.

Potential topics include, but are not limited to:

- ▶ New aspects in wound healing and tissue regeneration
- ▶ Development and testing of novel and effective skin substitutes
- ▶ The use of tissue engineering and stem cells in wound healing and tissue regeneration, repair, and reconstruction
- ▶ New aspects in scar maturation, scar management, and scar revision
- ▶ The use of new techniques for the reconstruction of complex tissue defects

Authors can submit their manuscripts via the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/bmri/dermatology/regen/>.

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First Round of Reviews

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