67 — Keynote incl. Free Communication

General Research I

Saturday, 5 Sep 2026, 8:30 a.m. - 10 a.m., Deck 1-2

Chair: Bong-Sung Kim, Justus Beier

Key Note I: Regenerative Medicine and Skin Restoration

Presentation time: 15 min

Speaker: Bong-Sung Kim

Key Note II: Translatational models in vascularized Tissue Engineering

Presentation time: 15 min

Speaker: Justus Beier

Boosting the vascularization and regenerative capacity of nanofat by short-term pretreatment with erythropoietin

Presentation time: 6 min

Abstract Presenter: V. P. Pruzzo

Hypoxic Preconditioned Nanofat at 1% O2 for 24 h Loses Its Regenerative In Vivo Vascularization Capacity

Presentation time: 6 min

Abstract Presenter: F. Bonomi

A Novel concept: Topically applied Autologous Fat–PRF Regenerative Matrix undergoes early spontaneous vascularization to provide soft tissue cover in complex wounds: an alternative to flaps?

Presentation time: 6 min

Abstract Presenter: M. Rangaswamy

Seeding of dermal substitutes with high-glucose-pretreated nanofat accelerates in vivo vascularization and tissue integration

Presentation time: 6 min

Abstract Presenter: L. G. Guggenheim

Local immunomodulatory strategies in cell therapy: A scoping review highlighting the advances in nerve regeneration

Presentation time: 3 min

Abstract Presenter: M. A. Maytain

Specialized Pro-Resolving Mediators (SPMs) in Plastic Surgery: A Novel Approach to Enhance Wound Healing and Scar Quality

Presentation time: 3 min

Abstract Presenter: A. Montanari

Wound Edge Trauma Minimization for Running Subcuticular and Cuticular Suturing, Photographic and Videographic Documentation/Results

Presentation time: 3 min

Abstract Presenter: T. Weber

Skin proteomics of DIEP flaps for breast reconstruction – a new objective method for analyzing tissue remodelling, nerve regeneration and cutaneous sensory function? A pilot study

Presentation time: 3 min

Abstract Presenter: P. E. Engels

A Comparative Analysis of Animal-Derived and Synthetic Acellular Dermal Substitutes for Wound Healing: A Single Center Retrospective Study

Presentation time: 6 min

Abstract Presenter: R. Pasini

Fibroblast growth factor (FGF) 21 is crucial for the revascularization of white adipose tissue grafts

Presentation time: 6 min

Abstract Presenter: E. Limido