

Keynote incl. Free Communication

## **Research Tissue engineering and stem cells**

Saturday, 5 Sep 2026, 10:30 a.m. - noon, Cube 2

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### **Human adipose stem cell spheroids expressing the suicide gene thymidine kinase as a safety switch for nerve tissue engineering applications**

Presentation time: 3 min

Abstract Presenter: C. Favre (Bioengineering and Neuroregeneration)

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### **3D-Bioprinting of Aligned Schwann Cell Bundles: Laminin-functionalized bio-ink as a potential neural scaffold**

Presentation time: 6 min

Abstract Presenter: A. P. MADAPPURA (University of Geneva)

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### **Microengineering of Nerve Guidance Conduit for Regulating the Nerve Tissue Regeneration**

Presentation time: 6 min

Abstract Presenter: A. P. MADAPPURA (University of Geneva)

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### **mesenchymal stem cell-derived exosomes in soft tissue regeneration: mechanistic insights and translational relevance for autologous breast reconstruction**

Presentation time: 6 min

Abstract Presenter: S. U. Uykusever (Università Campus Bio-Medico di Ro)

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### **Enhancing Cutaneous Wound Healing With Bioactive Glass and Adipose-Derived Stem Cells: Evidence From a Swine Model**

Presentation time: 6 min

Abstract Presenter: F.-A. Gonçalves (School of Medicine, Universidade de São Paulo)

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### **The role of mesenchymal stem cells in skin repair and aesthetic surgery**

Presentation time: 3 min

Abstract Presenter: B. Yeşil (Campus Bio-Medico University of Rome)

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### **Histological Effects of Fat Grafting and Adipose-Derived Cells Following Controlled Skeletal Muscle Injury**

Presentation time: 6 min

Abstract Presenter: B. D. Terada (School of Medicine, Universidade de São Paulo)

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