

Poster List

Poster Breakout Session S7 and S2 & S4	
Name	Title
Gintaras Matulis	DOBOT MG400 Robotic Arm-Assisted Electrospinning: A Novel Hybrid Biofabrication Platform for Precise Manufacturing of PVA-Based Drug Delivery Films Containing Natural Active Compounds
Matteo Montesissa	Functionalization of Semicrystalline Hydroxyapatite Coatings with Citrate as New Approach in Orthopaedic Application
Marta Tavoni	Bioactive and Magnetic Apatitic Bone Cement for Bone Regeneration
Gabriela Wielgus	Polyetheretherketone as an Alternative to Titanium Alloys in the Additive Manufacturing of Orthopedic Implants
Iram Elamin	Engineering Trb3-Targeted Exosome-Mimetics to Promote Bone Regeneration in Osteoporosis
Smriti Aryal AC	BMP7-Modified Polycaprolactone Nanofibrous Scaffolds Improved Osteoblast Activity
Indra Mooij	Mapping the Influence of Unduloid Fields on Cytoskeletal and Nuclear Adaptation of hMSCs
Zhangling Nie	Engineering Injectable and Self-Setting Bone Grafts with In Situ Hierarchical Pores via Polyphosphate Coacervate and Gelatin-MgP Core-Shell Porogens
Cristian Enrique Torres-Salcido	Development and Biological In Vitro Study of Three-Dimensional Printed Poly(Lactic Acid) Scaffolds Coated with Gelatin-Based Coaxial Nanofibrous for Bone Repair
Wiktor Dragan	Tailoring MAO Coatings on Pure Magnesium via Electrical Parameters in a Multi-Component Electrolyte
Edyta Kosińska	MXENE-Modified Ti/HAp Composites as a Biomaterial Platform for Bone Tissue Regeneration
Adnan Alsaei	Bioprinting of Imaging-Derived Bone Geometries: Toward Patient-Specific Hydrogel Femur Models for Mechanical and Functional Testing
Bernadette Akon-Laba	Can a Clay Material (Green Clay from Anyama) Improve Bone Healing? Study by Determining the Alkaline Phosphatase Level in Wistar Rats
Ayşenur Atak	Evaluation of a Biomimetic and Electroactive 3D Bioprinted Cardiac Patch: From Bioink Optimization to Functional Regeneration in a Perfusion System

Evelina Pacheco	Assessment of In Vitro Degradation of 3D Bioresorbable Scaffolds for Bone Regeneration
Andrea Ehrmann	Technological Possibilities and Limitations of Microscopic Examinations of H&E-Stained Mammalian Cells
Kirill Kucheryaev	Poly(lactide)/Nanohydroxyapatite Composite Films: Physicochemical Properties and Biocompatibility for Regenerative Medicine Applications
Ayah Binrajab	Microenvironment-Responsive Poly(ethylene Glycol)-Based Hydrogel Scaffolds for Vascularized Tissue Engineering
Manal M. A. Al-hajj	Synthesis of Functional Silk Fibroin/Chitosan Composite Hydrogel for Wound Healing
Thanh-Nghi Do Ly	Mineralised Biopolymer-Based Scaffolds Containing Bioactive Compounds from <i>Cissus quadrangularis</i> for Bone Tissue Regeneration
Xiaowen Ou	New Silk Fibroin-Based Dual-Crosslinked Hydrogel Inks for 3D Printing of Lung Tissue Engineering Scaffolds
Malik Alkabazi	Theravex Technology: A Systematic Review and Meta-Analysis of Its Effectiveness in Oral Surgical Procedure
Victor Yahir Moreno Canseco	3D Bioprinted Scaffold for Dermal Tissue Imitation in Burn Treatment: Physicochemical Characterization.
Mengting Yin	Mechanistic Study of Ion-Exchange Strategy for Regulating Multi-Metal Homeostasis to Ameliorate Mitochondrial Dysfunction in Radiation-Induced Oral Mucositis
Josué Urquiaga Zavaleta	Gelatin–Chitosan Scaffolds from <i>Mugil cephalus</i> Skin: Enhanced Fibroblast Proliferation, Migration, and Anti-Inflammatory Activity for Wound Healing