

Tissue Engineering and Regenerative Medicine International Society (TERMIS) European Chapter Conference 2022

Wednesday 29 June 2022

S43-2 Multifunctional biomaterials supporting bone regeneration - Room: S2 (13:30 - 15:00)

-Conveners: Timothy Douglas; Elżbieta Pamuła

time	[id] title	presenter
13:30	[207] CONTROLLED DELIVERY OF EPIGENETICALLY ACTIVATED EXTRACELLULAR VESICLES FROM A GELMA/NANOCLAY HYDROGEL FOR BONE REGENERATION	MAN, Kenny
13:40	[208] BONE REGENERATION OF A CRITICAL-SIZED DEFECT IN SHEEP WITH A 3D PRINTED SCAFFOLD COATED WITH A BIOMETIC FILM CONTAINING LOW-DOSE OF BMP-2	SCHOFFIT, Sarah
13:50	[210] New surface functionalities from grafting natural biomolecules to titanium alloys	GAMNA, Francesca
14:00	[211] ENGINEERING OF A BRIDGE PROTEIN TO IMPROVE THE DELIVERY OF BMP-2 FROM COLLAGEN SPONGE AND ENHANCE BONE REGENERATION FOR SPINAL FUSION	BRIQUEZ, Priscilla
14:10	[222] PCL reinforced collagen scaffolds for endochondral healing of bone defects	LEEMHUIS, Hans
14:20	[235] MICROSTRUCTURE EFFECT ON BONE FORMATION OF A FUNCTIONALLY GRADED SCAFFOLD USING A MECHANOSTAT-BASED MODEL	ALIPOUR GHASSABI, Ata
14:30	[238] EFFECT OF 3D SCAFFOLD MORPHOLOGY ON BONE TISSUE REGENERATION BASED ON A MULTI-PHYSICS FEM MODEL	OZTURK, Sezen
14:40	[173] DELIVERY OF MESENCHYMAL STROMAL CELLS USING COLLAGEN MEMBRANES EMBEDDED IN LEGO®-INSPIRED MULTICOMPONENT SCAFFOLDS FOR PERSONALISED MANDIBULAR DEFECT REPAIR	PHELIPE HATT, Luan
14:50	[223] Composite Biomaterial-Ink with Hyaluronan, Collagen and Calcium Phosphate Particles for Delivery of Chemically Modified RNA to promote Bone Regeneration	VAN DER HEIDE, Daphne