



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

## Wednesday 29 June 2022

**S48 Next Generation Biomaterials of Stem Cell Culture and Differentiation for Stem Cell Therapy - Room: S4 A (11:00 - 12:30)**

-Conveners: Bryan Falcones; Elena Della Bella; Joanna Idaszek

time	[id] title	presenter
11:00	[954] MICROPATTERNED SURFACES FOR CONTROLLING STEM CELLS MORPHOLOGY AND FUNCTIONS	CHEN, Guoping
11:20	[320] HYALURONIC ACID BASED NEXT-GENERATION BIOINK FOR 3D BIOPRINTING OF A HUMAN STEM CELL DERIVED CORNEAL STROMA EQUIVALENT AND A 3D CORNEA TISSUE MODEL WITH INNERVATION	MÖRÖ, Anni
11:30	[316] DEVELOPMENT OF AN IPSC LOADED BIOMIMETIC SCAFFOLD SYSTEM FOR SPINAL CORD APPLICATIONS	O' CONNOR, Cian
11:40	[314] ROAD TO UNIVERSAL ORGANS: DECELLULARIZED LIVER REPOPULATION WITH HLA I-II KNOCKOUT HEPATOCYTES IN A DYNAMIC BIOREACTOR CULTURE	CACIOLLI, Lorenzo
11:50	[322] MULTIFUNCTIONAL 3D BIOPRINTING FOR TISSUE INTERFACES	ŞENTÜRK, Efsun
12:00	[145] LUNG TISSUE TYPE SELECTED AMNIOTIC FLUID DERIVED MESENCHYMAL STEM CELLS FOR TREATMENT OF BLEOMYCIN INDUCED PULMONARY FIBROSIS IN A RAT MODEL	TALTS, Jan
12:10	[156] Interplay between adipose-derived stem cells and inflammatory mediators: impact on neurite outgrowth and vascular morphogenesis	L. AFONSO, João
12:20	[146] TOWARDS APPLICATION OF CELL THERAPY USING hiPSC-DERIVED MSCs AS A STABLE 'OFF-THE-SHELF' CELL SOURCE	RAMOS, Yolande F. M.