



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

## Thursday, June 30, 2022

**S59+S18 The role of multifunctional nanomaterials in new tissue regeneration strategies + Biomedical applications of MXene based next generation nanomaterials - Room: S3 A (1:30 PM - 3:00 PM)**

-Conveners: Sanjiv Dhingra; Lucia Gemma Delogu; Aleksandra Benko

time	[id] title	presenter
1:30 PM	[957] Nanomedicine: Having External Control of Tissue Engineered Materials After Implantation	WEBSTER, Thomas
1:50 PM	[968] The role of multifunctional nanomaterials in new tissue regeneration strategies	REILLY, Gwendolen
2:10 PM	[543] Carbon nanotubes as effective modulators of cellular reactions in various tissue regeneration strategies	BENKO, Aleksandra
2:20 PM	[537] SPATIALLY RESOLVED MONITORING OF IN VITRO AND IN VIVO DEGRADATION IN CARDIOVASCULAR IN SITU TISSUE ENGINEERING	MARZI, Julia
2:30 PM	[274] SMART TANTALUM CARBIDE MXENE QUANTUM DOTS FOR TREATMENT OF ALLOGRAFT VASCULOPATHY	YAN, Weiang
2:40 PM	[265] AEROSOL-JET PRINTING ENABLES HIGH-RESOLUTION Ti3C2 MXENE PRINTED ELECTRODES ON A PTFE STRUCTURE FOR NEURAL STIMULATION	GUTIERREZ GONZALEZ, Javier
2:50 PM	[454] THE IMPACT OF PRIMARY AND SECONDARY FIBERS MORPHOLOGY ON REGENERATIVE AND OPTICAL PROPERTIES OF ELECTROSPUN CORNEA IMPLANT	KURPANIK, Roksana