2025 International Conference on Biofabrication

Monday 15 September 2025

S20 Emerging Bioprinting Platforms for Musculoskeletal Tissue Engineering - Kisielewski (15:30 - 17:00)

-Conveners: Francesca Diletta Spagnuolo; Eben Alsberg

time	[id] title	presenter
15:30	[6] Bioprinting of phenotypically defined fibrocartilage microtissues into melt electrowritten scaffolds to engineer regionally defined meniscal grafts	KRONEMBERGER, Gabriela S.
15:50	[527] Biofabrication and Bioprinting Strategies for Musculoskeletal Tissue Engineering	KELLY, Daniel
16:10	[292] Engineering zonally defined and mechanically robust articular cartilage grafts using melt-electro written scaffolds	WIRTH, Max
16:20	[263] Orientation bioprinting using phase-separated microfibrous pore-forming bioink for muscle tissue regeneration	NISHIGUCHI, Akihiro
16:30	[300] Application of Advanced 3D Scaffolds Based on Melt Electrowriting Technology in Bone Tumor Modeling: Geometry Optimization and Mineralization Efficiency Study	YE, Chen
16:40	[397] 3D Biofabrication of human-derived myotendinous junction	VOLPI, Marina
16:50	[367] High-Throughput Fabrication of Vascularized Muscle Micro-Tissues via 3D Bioprinting for Efficient Drug Screening	LIM, Taeeun