

2025 International Conference on Biofabrication

Monday 15 September 2025

S09 Biofabrication of Anisotropy - Goethe (13:30 - 15:00)

-Conveners: Marcy Zenobi-Wong; Liliang Ouyang

time	[id] title	presenter
13:30	[18] Harnessing chaotic bioprinting to engineer anisotropic microarchitectures for aligned tissue constructs and prevascularized models	TRUJILLO DE SANTIAGO, Grissel
13:50	[17] Regulating Cellular Behavior in Hierarchical Tissue Engineering	GU, Qi
14:10	[269] Electrofibrillated Nanofibrillar Microbundles as Scaffolds for 3D Muscle Tissue Biofabrication	AHMAD, Taufiq
14:20	[456] Fibrous bioinks for the bioprinting of anisotropic scaffolds with micro- and nano-scale organization for in vitro skeletal muscle engineering	RUOCCO, Gerardina
14:30	[362] Continuous and Layerless 3D Printing of Aligned Tissues	JANIAK, Jakub
14:40	[363] Advancing Anisotropy in Engineered Skeletal Muscle via Bioactive Porous Hydrigel Interface	CELIKKIN, Nehar
14:50	[451] Hierarchical Structures Biofabricated from Ultrathin Aligned Collagen Membranes Provide Physical Barriers for Molecular Transport	GUENTHER, Axel