



# 2025 International Conference on Biofabrication

## Wednesday 17 September 2025

### S22a Microfluidics and Biofabrication for Next-Generation bioengineering - Rudniew (11:00 - 12:30)

-Conveners: Fabio Maiullar; Ozlem Yesil-Celiktas

time	[id] title	presenter
11:00	[28] Advanced micromaterials and modular bio-inks for biofabrication of engineered living materials	LEIJTEN, Jeroen
11:20	[386] Clean-Cure Technology: Light-Driven [2+2] Cycloaddition for Initiator-Free and Highly Biocompatible Biomaterial Engineering.	ZAKRZEWSKA, Agnieszka
11:30	[273] Microfluidic Biomimetic Platform to elucidate Stromal-Driven Chemoresistance in 3D Breast Cancer Co-Culture Spheroid Models	NARAYAN RATH, Subha
11:40	[402] Microfluidic-Assisted 3D Printing of Functionally Graded Ceramic Scaffolds for Bone Tissue Engineering	TIRELLI, Maria Celeste
11:50	[366] Functional maturation of hepatic organoids on a novel microfluidic chip platform: Optimization of experimental design	SAGLAM-METINER, Pelin
12:00	[265] Bioengineered Model for investigating the role of the microenvironment in human testicular cell function	SCALZONE, Annachiara
12:10	[394] Programming motion and shape-morphing in bioprinted tissues via dynamic magnetic fields	CHAKRABORTY, Juhi
12:20	[442] Development of a Patient-Specific Drug Testing Platform Using Vascularized 3D Bioprinted Spheroids and Liver dECM Bioink	KANG, Minsu