

2025 International Conference on Biofabrication

Wednesday 17 September 2025

S34 Smart Materials in Biofabrication - Kruczkowski (11:00 - 12:30)

-Conveners: Giovanni Gonnella; Hossein Ravanbakhsh

time	[id] title	presenter
11:00	[581] 3D Printed Smart Biomaterials for Pediatric Reconstruction	HOLLISTER, Scott
11:20	[441] Chromogenic plant extracellular matrix-derived scaffolds as smart wound dressings	DANESHGAR, Assal
11:30	[351] 4D printing of multilayer bio-based devices for the non-invasive treatment of intestinal ulcers	DE MARIA, Carmelo
11:40	[434] 3D Printing of Biomaterial Inks based on Hyaluronic Acid-Chitosan Complex Coacervates	ES SAYED, Julien
11:50	[422] Pectin-Enhanced Albumin Foam for Stable and Biocompatible Support Baths in Embedded Bioprinting	AHMADI, Ali
12:00	[332] Extrusion-based bioprinting with phenylboronic acid-grafted hyaluronic acid inks via HRP-mediated crosslinking in vaporized hydrogen peroxide	GOTO, Ryota
12:10	[423] Porous Conductive Hydrogels Toward High-Sensitivity Bioelectronic Interfaces	AHMADI, Ali
12:20	[316] Four-dimensional (4D) Printing of Porous Shape Memory Polymers for Tissue Engineering	RAVANBAKHSH, Hossein