

2025 International Conference on Biofabrication

Wednesday 17 September 2025

S37 Celebrating 25 years of gel-MA: The importance of standardization in gelatin materials towards clinical translation - Kruczkowski (13:30 - 15:00)

-Conveners: Jasper Van Hoorick; Jos Olijve

| time | [id] title | presenter |
|-------|--|------------------------|
| 13:30 | [592] The origin of gel-MA, a short history from PhD to industry | VAN HOORICK, Jasper |
| 13:50 | [570] Gelatin-based bioinks and bioresins for advanced light-driven biofabrication | LEVATO, Riccardo |
| 14:10 | [439] Finetuning the properties of GelMA-dextran aqueous two-phase systems to create unique interconnected porous hydrogels via inkjet 3D printing | STEFANOPOULOU, Evdokia |
| 14:20 | [414] GelMA-Based Hydrogels for in vitro Cholangiocarcinoma Modeling and Drug Testing | BARUFFALDI, Désirée |
| 14:30 | [337] Towards scaling up two-photon 3D bioprinting of gelatin-based polymers | SANTONI, Silvia |
| 14:40 | [341] Decellularized brain tissue combined with GelMa as a novel hydrogel emulating extracellular matrix in cerebral organoid-on-chips | SASKARA, Aysel |
| 14:50 | [542] Advancing Cartilage Regeneration with Reproducible GelMA Bioinks | ARSLAN, Aysu |