

**Horizon  
Europe  
ERC PoC**

Name	Faculty	Acronym	Project Title	Call
Shulamit Levenberg	BME	Print and Grow	A novel support material for 3D bioprinting and post-printing tissue growth: Print and Grow	2022
Shahar Kvativsky	ECE	Real-PCM-PIM	Real Processing in Phase Change Memory	2022
Mordechai Segev	Physics	Topo Insulator VCSEL	Topological Insulator Vertical Cavity Laser Array	2022
Yuval Shaked	Medicine	BioFlow	The development of a predictive biomarker for immunotherapy outcome based on flow cytometry test	2022
Shai Berlin	Medicine	MAGNIFICO	MAGNIFICO-Pre-commercialization of multifunctional targeted MRI-contrast enhancing agents for brain research	2022
Ido Kaminer	Physics	Loss-less Monochroma	Lossless Electron Beam Monochromator for Enhanced Resolution in Electron Microscopy	2022
Asya Rolls	Medicine	NEUROGUT	Targeted insula stimulations as treatment for autoimmune disorders	2022
Yoav Shechtman	BME	3D-Optics	Diffraction Optical Element Fabrication based on 3D Printing	2022
Avi Schroeder	Chem Eng	NutriCells	Synthetic Cells for Functional Food Platforms	2022
Shahar Kvativsky	ECE	Real-Database-PIM	Accelerating Relational Databases with Real Memristive Processing-in-Memory	2023
Netanel Korin	BME	StreamlineValve	Flow Controlled Prosthetic Heart Valves	2023
Yoav Shechtman	BME	BioMarkerFlow	Fast and simple biomarker detection by computational microscopy	2023
Amit Meller	BME	SM-ProTrack	Fingerprinting Single Protein Molecules for Biomarker Assisted Precision Medicine	2024
Shulamit Levenberg	BME	BioForceInk	Bioactive reinforcing bioink for hybrid bioprinting of implantable bone	2024
Lior Gepstein	Medicine	Chem-Afib	A Chemogenetic Approach for the Treatment of Atrial Fibrillation	2024
Yoav Schechner	ECE	IPIC	Industrial polarization imager calibration	2024
Moran Bercovici	Mech Eng	Fluidic Lens Maker	Fluidic Lens Maker - disruptive approach to ophthalmic manufacturing	2025
Naama Geva-Zatorsky	Medicine	SYNERGIZE	Engineering Gut Bacterial Phase Variation to Synergize with Immunotherapy in Melanoma	2025