

Short Biography

Lorenzo Sardelli has a Ph.D. in Bioengineering (Politecnico di Milano, 2022) and is currently working as a Post-doc at the Molecular Biotechnology and Health Science of the University of Torino. He combines academic and industrial expertise thanks to his working experience in both universities and companies within national and international horizons. His research focus on subjects in the bioengineering field and beyond, spanning from materials characterisation and the development of soft-materials structures, to the optimisation of drug delivery systems such as protein-based nanoparticles. He designed hydrogel matrices for cellular culture and advanced bioprinters for the 3D-bioprinting microfluidic lab-on-chip devices, bioreactors and complex environment. He is working on the development of screening tool for rapid testing of drugs and in vitro models of micro-physiological systems.