

Francesco PASQUALINI – CV

Francesco Pasqualini Francesco is an associate professor in industrial bioengineering at the University of Pavia. He trained in biomedical engineering in Italy before moving to Boston (2010) and Zurich (2016) to study cardiovascular tissue engineering in the laboratories of Prof. Kit Parker (Harvard Wyss Institute) and Prof. Simon Hoerstrup (Wyss Translational Center). Francesco's research focuses on developing in-silico and in-vitro stem cell models for drug discovery, disease modeling, and regenerative medicine applications. His lab studies heart development and structural heart disease with cardiac organoids (ERC StG 2020 and FARE 2020), RNA therapies for cardiac arrhythmias (PNRR CN3), macrophage mechanobiology (PRIN 2022), and of extracellular matrix microenvironments (Horizon Europe KDT 2024)