



Rafaela Da Silva Presa

Graduate Visiting Researcher Student, Mechanical Engineering

Bio

BIO

Rafaela is a master in Bioengineering (Molecular Biotechnology branch) since 2019 by Faculty of Engineering of University of Porto, Portugal (FEUP)/ School of Medicine and Biomedical Sciences of University of Porto (ICBAS) with her MSc thesis done in the field of biomaterials for bone cancer treatment and regeneration simultaneously.

Rafaela is performing her PhD project in Biofabrication Group in the Institute for Innovation and Research in Health from University of Porto (i3s). The project is focused on the development of mechano-modulatory 3D in vitro model of human skin fibrosis. Currently, Rafaela is doing a period abroad at Chaudhuri Lab, Mechanical Engineering department at Stanford University, to study the impact of viscoelasticity in fibroblast fate and activation.

Moreover, she is enrolled in the International Doctoral Program in Cellular and Molecular Biotechnology Applied to Health Sciences (BiotechHealth) in ICBAS from University of Porto.

Her multidisciplinary background in bioengineering and biomaterials allowed her to develop strong skills in complementary research areas ranging from materials synthesis and biofabrication to cellular biology.

Rafaela has excellent communication skills and experience in presenting scientific data in national and international meetings.