



Niusha Nikravesh, Dr.

Upstream Scientist
Mosa Meat B.V



Niusha Nikravesh is an Upstream Scientist in the Bioprocess Development Team at Mosa Meat in Maastricht (Netherlands).

She joined the company in 2020, and her work is focused on innovative approaches for the upscaling process of mammalian cell culture for cultivated meat. Previously, she performed as a Postdoctoral Scientist (2018-2020) at Empa (Swiss Federal Laboratories for Materials Science and Technology), where she was also awarded the Marie Curie co-fund fellowship. In collaboration with Vifor Pharma (Switzerland), her research was focused on establishing an advanced in vitro vascular model as a cytotoxicity assay platform to evaluate intravenous iron nanoparticles. Additionally, in 2017 she conducted as a postdoctoral researcher in a project funded by the Medical Research Council (MRC) at the University of Birmingham (UK), focusing on the role of exosomes for bone tissue regeneration. She has completed her PhD (2017) at the University of Birmingham, applying cell encapsulation approaches as an alternative treatment for type 1 diabetes. Her multidisciplinary research has allowed her to gain knowledge on biomaterials, bioreactors, and complex 3D cell cultivation models while contributing to the development of novel therapeutic approaches within the field of tissue engineering and regenerative medicine. She received her MSc (2013) and BSc (2011) degrees in Chemical Engineering at the Sharif University of Technology in Tehran. She has six first author scientific publications and is a member of the European Society of Biomaterials (ESB) and Cross biological membrane network (CBMNet).