

Dr Valentina Cuzzucoli Crucitti – Short Bio



Dr Valentina Cuzzucoli Crucitti is a Research Fellow at the University of Nottingham, currently working on the fabrication of more efficient flow enzymatic reactors for industrial biochemical reactions and biotransformation using additive manufacturing strategies. Valentina was born in Rome where she graduated with honour in 2016 in Industrial Chemistry at the University of Rome "La Sapienza". Her master project was

about the study of intermolecular interaction and the characterisation of abietic acid/chitosan solid dispersions possessing antimicrobial and antioxidant properties under the supervision of Prof Iolanda Francolini.

She started her PhD as part of the 'Next Generation Biomaterials Discovery' programme grant based in School of Pharmacy at the University of Nottingham. She joined the group in October 2016 and she has worked on the design and synthesis of amphiphilic copolymers with different 3D architectures and biological properties. In 2021, she successfully passed her viva. In the same year, Valentina started a new research fellowship founded by the BBSRC on the development and exploitation of a bioactives-free technology for tackling fungal threats to food security, goods and health.