

## Martine Tarsitano

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Martine Tarsitano completed her Master's in Pharmaceutical Chemistry and Technology at the University of Calabria (Unical) in 2020, discussing an experimental thesis in Polymers and Biomaterials of Pharmaceutical Interest, entitled "*Molecular imprinted polymeric nanoparticles for selective recognition of 5-fluorouracil*". Following her Master's, she held a PhD fellowship in Life Sciences and Technologies (Cycle XXXVI) from 2020 to 2024 at Magna Græcia University of Catanzaro within the curriculum of pharmaceutical sciences. She obtained the doctoral title after defending her PhD thesis "Towards heartfelt solutions: innovative 3D systems for cardiac applications". During her PhD programme, Dr Tarsitano spent 1 year at the University of Technology Sydney (UTS), collaborating with the Faculty of Engineering and IT, where she developed and improved her biofabrication knowledge and skills. Dr Tarsitano's main activities have focused on the design, formulation and characterization of advanced biomaterials intended for biomedical applications (for cardiovascular tissue engineering). Her main activities employed techniques such as scanning electron microscopy, confocal microscopy, Brillouin microspectroscopy, 3D-bioprinting, FT-IR, HPLC, rheology, and *in vitro* studies which included both human and photosynthetic cells.



Scopus Profile