

Adriale hold a MSc in Material Science and Bioengineering from Polytechnic of Turin and has a Postgraduate Degree from Trinity College in Bioengineering with specialization in Nanotechnology applied to Cellular Engineering and Medical Devices.

Adriale has been working in the multidisciplinary field of Nanotechnology applied to Medicine (Nanomedicine) since 2003 where he collaboratively worked between the School of Medicine, Engineering and Physics.

He was awarded several large-scale European projects (FP6, FP7, H2020, HE) all focused on medical technologies development and their translations into products focused on the translation nanomedicines and medical devices for cancer, with a particular interest in theranostics treatment and medical technologies. Key research is focused on identifying and developing new nanotechnology-enable medical products for clinical translation. Core Expert Team of the European Nanomedicine Characterisation Laboratory (EUNCL), Key Expert of the REFINE project aimed at developing a Regulatory Science Framework for Nanomedicine and Core partner in the Open-Innovation-Test-Bed (OITB) Safety Testing In The Life Cycle Of Nanotechnology-enabled Medical Technologies for Health (SAFE-N-MEDTECH). Active partner in several large H2020 projects such as EXPERT and BIORIMA project and more recently INNOV4COV.

Prof. Prina-Mello has been a member of the European Technology Platform for Nanomedicine (ETPN) since 2005, has served as board member and workgroup chairs in toxicology, Characterisation and Education. He has been expert advisor for the EU Materials and Characterisation, Nanomedicine task forces and also served as expert advisor to several European and International funding agencies.

Prof. Prina-Mello has extensive experience working with clinical research facilities and pharmaceutical and biomedical industry within and outside Ireland. His work with AMBER is centred on the safety assessment and regulatory compliance of medical technology based on nanomaterials and nanomedicine.