

Emanuele Mauri is Italian Assistant Professor (Tenure-track) in the framework of Applied Physical Chemistry at University Campus Bio-Medico di Roma (Rome, Italy). He received his Master Degree in Chemical Engineering (110/110) from Politecnico di Milano, in April 2014, with an experimental thesis on the synthesis and characterization of modified hydrogels able to improve cell adhesion and fate. In January 2018, he received his Ph.D. in Industrial Chemistry and Chemical Engineering at Politecnico di Milano with honors discussing an experimental thesis on the synthesis of polymeric devices for drug and cell delivery in central nervous system. He also spent research period as visiting Ph.D. student at the Department of Neuroscience at University of Cambridge (Pluchino Lab). After a period as Post-Doc at the Department of Chemistry, Materials and Chemical Engineering “Giulio Natta” at Politecnico di Milano (Milan, Italy), in November 2018, he moved to Rome as Assistant Professor. The main research fields are the chemical functionalization of polymers and the design of three-dimensional smart polymeric systems as neutral highly biocompatible tools for controlled drug delivery and cell delivery, in nanomedicine and tissue engineering. One special focus is related to the nano-drug targeting in inflamed/injured cells. Through the collaboration with Istituto di Ricerche Farmacologiche “Mario Negri” (Milan, Italy), he also studies the spinal cord injury treatment. He received the European Doctorate Award by European Society of Biomaterials (ESB) and an award by Italian Society for Biomaterial (SIB) at the 10th World Biomaterials Congress in Montréal (Canada, 2016).

Emanuele is author of 21 ISI papers (13 with first or corresponding authorship) and 2 book chapters. Among them 1 Biomaterials, 1 Journal of Controlled Release, 1 Biomaterials Science, 1 Expert Opinion on Drug Delivery and 3 Materials Science and Engineering C.