

M.Mar Pérez-Madrigal was born in 1987 in Barcelona (Spain). In 2009, she received her BSc in Chemical Engineering at the Universitat Politècnica de Catalunya. Her Thesis, developed in the group of Professor Sigbritt Karlsson at KTH (Stockholm, Sweden) was entitled: "Short and long-term in-vitro degradation test of medical grade antimicrobial polyurethane". In 2010, she obtained her MSc degree in Polymers and Biopolymers with the Thesis entitled "Synthesis and characterization of poly(3-thiophene methyl acetate/poly(tetramethylene succinate) nanomembranes: biocompatibility and biodegradability assays". It was developed as part of her PhD in the group of Prof. Carlos Alemán in Barcelona (ETSEIB, UPC). Specifically, her research focuses on combining conducting polymers with synthetic polymers to obtain nanointerfaces (nanomembranes and nanofibers) to perform as tissue engineering scaffolds, which promote cell adhesion and proliferation under electrical stimulation. She has carried out a research internship in the lab of Prof. Díaz sponsored by DAAD from October to February 2015. In her spare time she likes reading, hiking and going out with friends.