**Francesca Baldassarre** currently holds the position of Researcher with a fixed-term contract (RTD/A) at Department of Biological and Environmental Sciences and Technologies (DiSTeBA), University of Salento. She obtained PhD degree at the Faculty of Medicine and Surgery of University of Bari Aldo Moro. She was graduated with honneurs in Industrial and Environmental Biotechnology at University of Bari Aldo Moro. Since 2009, her research activity is mainly focused on chemical nanotechnology as well documented by 25 scientific publications on peer-reviewed journals. She has a consolidated experience in synthesis and characterization of micro/nano carriers for biomedical and agricultural applications.