

Maria Camilla CIARDULLI – CV

Maria Camilla Ciardulli completed a BSc in Health Biotechnology and an MSc in Medical Biotechnology at the University of Naples “Federico II” and obtained a PhD in Translational Medicine of Development and Active Aging at the University of Salerno. During PhD, she studied the tenogenic differentiation potential of human mesenchymal stem cells and developed dynamic 3D in vitro cultures to understand the specific behaviour of tendon healing and regeneration. She also conducted a 6-months stay at Keele University (UK) to explore the development of innovative technologies and protocols in tendon tissue engineering (e.g., hypoxia). Currently, she is a postdoc researcher at the Translational Nanomedicine Lab of the University of Salerno under the supervision of Proff. Nicola Maffulli and Giovanna Della Porta. During this postdoc position, her research is focused on the development of 3D biomimetic in vitro models and the production of polymer nanocarriers and liposomes for the controlled delivery of proteins and nucleic acids, using microfluidics and other innovative technologies. She participated in collaboration projects with groups from other disciplines, including cancer research. Regarding her scientific production, she published 18 research articles in peerreviewed journals (5 as first author), 3 review articles and 1 book chapter, resulting in an H-index of 12. She has given 6 oral and 4 poster presentations at national and international congresses, winning the I.S.Mu.L.T. & IBSA Foundation “Award 2018” for the best poster and has been involved in the organization of a scientific conference within an Horizon 2020 MSCA-ITN-EJD project on tendon repair research. She obtained research fellowships in competitive calls, including her actual postdoc one.