

Federica Tiberio, PhD – Short CV

Federica Tiberio, PhD, is Assistant Professor of Cellular and Molecular Biology at Università Cattolica del Sacro Cuore in Rome. For nearly a decade, her research has focused on rare skeletal and craniofacial disorders, particularly craniosynostosis. She develops patient-tailored RNA interference strategies and advanced delivery systems, including functionalized nanoparticles and bioactive nanocomposite inks, using patient-derived cellular models. Her research also explores polymeric and graphene-based biomaterials for bone regeneration and the treatment of skeletal defects. She has served as Principal Investigator and key personnel in several national and international research projects and has authored several peer-reviewed scientific publications.