

# Speaker Profile

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<b>YOUR NAME</b>	<b>Teresa Pellegrino</b>
<b>Job Title</b>	Team Leader
<b>Institution/Company</b>	Italian Institute of Technology (IIT), Nanomaterials for Biomedical applications group
<b>Phone:</b>	010 2896 730
<b>Email:</b>	teresa.pellegrino@iit.it
<b>Address</b>	Via Morego 30, 16163 Genoa
	



## Professional summary

Teresa Pellegrino since 2014 is tenured team leader at IIT, Genoa (Italy). She received her MSc degree in Chemistry in 2000 and her PhD in Chemical Synthesis in 2005 from the University of Bari (Italy). During her PhD, she started working in the field of nanoscience at the University of California, Berkeley, focusing on the study of interaction of quantum dots with tumour cells. Later she moved as Marie Curie fellow, at the Center for Nanoscience in Munich (Germany), developing water-soluble protocols for nanocrystals. In 2005 she was appointed as postdoctoral fellow at the National Nanotechnology Laboratory of CNR-INFN, Lecce, Italy. In 2010, she became permanent staff scientist researcher at the Nanoscience Institute of CNR, Lecce, Italy working on stimuli-responsive nanoparticles. Her group focuses on the development of inorganic nanostructures for drug delivery, magnetic hyperthermia, photo-thermal treatment, immunotherapy, and radiotherapy applications. She is coauthor of more than 150 scientific publications in peer reviewed Journals. She has coordinated the FP7 collaborative project Magnifyco and she has received the ERC starting grant Icaro. Since February 2023, she is the recipient of an ERC Consolidator grant named GIULIA (Magnetic Hyperthermia For Metastasized Tumour Treatment And Remote Manipulation Of Microdevices).