

## NanoInnovation 2025

### Short Biography Giovanna Li Petri

Dr. Giovanna Li Petri was a fixed-term researcher within the PNRR project MICS - *Made in Italy Circolare e Sostenibile* at CNR-ISMN (Italy), with part of her research activities carried out within the DONIZETTI project. She earned a double Ph.D in Molecular and Biomolecular Sciences with a joint degree between the University of Palermo and the Vrije Universiteit Amsterdam. After her Ph.D, she worked as a Research Assistant at the University of Sunderland (UK) and then as a postdoc researcher in Medicinal Chemistry at the Ri.MED Foundation, in Italy, working on the design and development of small molecules with biological activity. Her current research focuses on green chemistry and sustainable processes, with a particular interest in the valorisation of low-cost, non-edible biomass, especially agroforestry by-products. She also develops sol-gel materials as coatings for the functionalization of textiles. She is co-author of over 25 papers and one international patent.