

## **Sara CERRA – CV**

Dr. Sara Cerra is a postdoctoral research fellow at “La Sapienza” University of Rome in the “Nanosynthesis and Characterization Laboratory, NSC\_Lab” team (scientific supervisor Prof. I. Fratoddi). In 2022 she completed her PhD in Chemical Sciences (Cycle XXXIV) at “La Sapienza” University of Rome under the supervision of Prof. I. Fratoddi. Her research activity focuses on the synthesis and characterization of functionalized noble metal, metal oxide, and polymeric nanoparticles and surfaces and organometallic acetylide complexes with the aim to exploit the structure-properties correlations and physicochemical properties of nanomaterials and related nanocomposites. Dr. Cerra is also involved in applicative studies in the field of optoelectronics, sensing, nanomedicine, and biotechnology thanks to numerous national and international collaborations. In 2020 and 2023, she received the "Avvio alla Ricerca" grant from Sapienza University to support her research activity. In 2022 she received the "FareRicerca" award awarded by Lazio Region to researchers/post-doctoral fellows on the basis of their scientific activity. She is author of 23 peer-reviewed papers in international journals with impact factor and 1 conference proceeding.