

**Dr. Sara Cerra** is a postdoctoral research fellow at “La Sapienza” University of Rome in the “Nanosynthesis and Characterization Laboratory, NSC\_Lab” team. In 2022 she completed her PhD in Chemical Sciences (Cycle XXXIV) at “La Sapienza” University of Rome under the supervision of Prof. Ilaria Fratoddi. In 2018 she obtained her MSc. in Chemistry at “Tor Vergata” University of Rome. Her research activity focuses on the synthesis and characterization of functionalized noble metal, metal oxide, and polymeric nanoparticles and surfaces with potential applications in the field of optoelectronics, sensing, and nanomedicine. She is author of 12 peer-reviewed papers in international journals with impact factor and 1 conference proceeding.