

Speaker Profile

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Professional summary

Lucrezia Caselli is Tenure Track Assistant Professor at the Department of Chemistry of the University of Florence, and a member of the Italian Consortium for Colloid and Surface Science (CSGI). She received her PhD in Chemical Sciences from the University of Florence in 2021. After that, she was Postdoctoral researcher at the Department of Pharmacy, University of Copenhagen, and at the Department of Physical Chemistry, Lund University. Her scientific interest focuses on the physical chemistry of Soft Matter in biologically relevant systems, including natural and bio-inspired materials. Her research covers lipid nanoparticles and synthetic hybrid nanomaterials for gene and drug delivery, interaction of nanostructured assemblies with model membranes, design of peptide-functionalized antimicrobial nanomaterials.