Biography

Graduated in Biophysics, Federica Zaccagnini received her Ph.D. in Morphogenesis and Tissue Engineering at Sapienza University of Rome in 2026. She works as a postdoc at the Biophotonics Laboratory of Prof. De Sio at Sapienza University of Rome. Her current research interests include tuneable photonics using liquid crystals and the designing and fabrication of hierarchical heterostructures to enhance their photo-thermal properties under broadband light sources to use them in different healthcare applications such as pathogens disinfection and detection or light harvesting.