

**Francesca Limosani** obtained her bachelor in 2012 and master in 2015 in Chemistry at University of Rome "Tor Vergata". She received her PhD in Chemical Science in February 2019 at the same University. On March 2019 she won a research grant with the title of "Quantum dot of graphene oxide in solid matrices for the detection of heavy metal ions" at the Department of Industrial Engineering, Tor Vergata University of Rome.

During her PhD project she focused her attention on the development of synthesis and characterization of new hybrid architectures as active light harvesting systems, based on novel carbon materials (Carbon Spheres and Graphene Nanoplates) functionalized with porphyrins.