

Dr. Federica Moraca graduated in Pharmacy in 2010 at the University “Magna Graecia” of Catanzaro (Italy), where she has also completed her PhD program in Pharmaceutical Sciences in 2014, being mostly involved in the discovery of new promising anticancer drugs acting as G-quadruplex DNA stabilizing agents. During her PhD, she spent one year in the laboratory of Prof. Michele Parrinello in Lugano, where she applied Funnel-Metadynamics for the calculation of the absolute binding free energy of the natural alkaloid Berberine to telomeric G4 DNA (Moraca F. et al. PNAS, 2017). In 2018, she moved to the University “Federico II” of Naples, where she currently works as Research Associate.