



Romualdo Troisi is currently attending the 2nd year of the PhD Course in Chemical Sciences at the University of Naples Federico II. His research activity is in the field of Biophysical Chemistry. In particular, his PhD project is focused on the study of structural and functional properties of complexes involving natural and synthetic G-quadruplexes. He has good knowledge of the principal techniques required for the structural characterization and the thermodynamic analysis of biological macromolecules (proteins and nucleic acids) in solution and at solid state. In particular, he has good scientific skills concerned with crystallization of biological macromolecules, X-ray diffraction data collection and molecular structure determination, spectroscopic (CD, UV-Vis, fluorescence) and calorimetric (DSC, ITC) techniques and molecular dynamics simulations.