Curriculum vitae **Prof. Maria Chiara Monti**

Prof. Maria Chiara Monti was awarded the degree in Chemistry by the University of Naples "Federico II" with final marks of 110/110 *cum laude* on 30th October 2000. The research project presented and discussed was entitled: "*Topology analysis of liver fatty acid binding protein and its complexes with fatty acids*." In 2001, she hold a fellowship to carry out research at the Department of Organic and Biological Chemistry, University of Naples "Federico II", on the interaction between protein and ligands, as fatty acids and RNA, by mass spectrometry. In 2002, she was enrolled in the Ph.D. three-year Programme in Pharmaceutical Sciences at the Department of Pharmaceutical Sciences, University of Salerno, under the supervision of Prof. R. Riccio and Prof. L. Gomez-Paloma. Her Ph.D. thesis was aimed at the study of the molecular basis of Phospholipase A_2 inhibition by marine bioactive terpenoids. In 2005, she hold two fellowships from the *European Commission Research Directorates General Marie Curiè* and from the *Federation of European Biochemical Societies* to carry out her research at the Biomolecular Mass Spectrometry Department of the Bijovet Centre of Utrecht University under the supervision of Prof. A. Heck. During this period she improved her skills in the analysis of non covalent protein-ligand complexes by advanced techniques in mass spectrometry. From 1st of October 2006 to February 2015, she worked at the Department of Pharmaceutical Sciences (University of Salerno) as researcher in Organic Chemistry. From 1st of March 2015, she is associate Prof. of Organic Chemistry at the Department of Pharmacy (University of Salerno).

Prof. Maria Chiara Monti has been trained both in classical protein biochemistry and in bio-molecular mass spectrometry. Her research is focalized on the natural compounds and mainly on the investigation of different aspects of protein-ligand interaction and chemical proteomics. A multi-disciplinary approach has been optimized by Prof. Monti combining mass spectrometry with limited proteolysis, selective chemical modification, circular dichroism, alpha screen, calorimetry, surface plasmon resonance, fluorescence analyses and molecular dynamics. Her research activity is confirmed by around 100 publications on international magazines.