

Maria Rosaria Plutino graduated *Summa Cum Laude* in Chemistry at Messina Univ, Italy, in 1993. In 1997 she obtained her Ph.D. in Chemistry Science at Univ. of Messina, Italy. In 1996-1998 she has held a two-years Postdoctoral Research Fellow (Human Capital and Mobility) at the Dep. of *Inorganic Chem. 1* of the *Chemical Center*. In 1999 she was appointed temporary researcher at the Inst. of Chem. and Techn. of Natural Products (ICTPN-CNR), Messina. Since 2001 she is a researcher at the Inst. for the Study of Nanostructured Materials of the CNR (ISMN) in Palermo (c/o Dep ChiBioFarAm, Messina Univ.), Italy. Her research interest includes essentially the design, synthesis and structural study of organometallic transition metal complexes, supramolecular assemblies and hybrid functional nanomaterials (colloidal metallic nanoparticles, doped sol-gel polymeric matrix, polymer nanocomposites and functionalized silica/carbon based nanofillers) with potential applications in opto-electronic, sensing, catalysis, environmental remediation, biomedicine, textile and building industries. She is co-author more than 40 scientific papers, published on reference journals or presented in national and international conferences.