

MARIA KARAYIANNI

PUBLICATIONS – NOVEMBER 2013

A. Ph.D. Thesis

"Polymer Self-Assembly: Polyelectrolytes and Their Complexes with Proteins",
Chemistry Department, University of Athens, Greece, January 2012.

B. Chapters in Books

1. M. Karayianni, S. Pispas, "Block Polyelectrolyte Micelles/Protein Mixed Nanostructures in Aqueous Media", in "Micelles: Structural Biochemistry, Formation and Functions & Usage", Nova Science Publishers, USA, in press.

C. List of Publications

1. A. Papagiannopoulos, M. Karayianni, G. Mountrichas, S. Pispas, A. Radulescu, "Self-Assembled Nanoparticles from a Block Polyelectrolyte in Aqueous Media: Structural Characterization by SANS", *J. Phys. Chem. B*, **2010**, *114* (22), 7482-7488.
2. M. Karayianni, G. Mountrichas, S. Pispas, "Solution Behavior of Poly(sodium(sulfamate-carboxylate)isoprene), a pH Sensitive and Intrinsically Hydrophobic Polyelectrolyte", *J. Phys. Chem. B*, **2010**, *114* (33), 10748-10755.
3. M. Karayianni, S. Pispas, G. D. Chryssikos, V. Gionis, S. Giatrellis, G. Nounesis, "Complexation of Lysozyme with Poly(sodium(sulfamate-carboxylate)isoprene)", *Biomacromolecules*, **2011**, *12* (5), 1697-1706.
4. M. Karayianni, S. Pispas, "Complexation of stimuli-responsive star-like amphiphilic block polyelectrolyte micelles with lysozyme", *Soft Matter*, **2012**, *8* (33), 8758-8769.