

VLASSI ELENI

LIST OF PUBLICATIONS – JULY 2020

A. PhD THESIS

"Hybrid self-organized nanosystems composed of block copolymers", Department of Chemistry, National and Kapodistrian University of Athens, 2015

B. PEER REVIEWED JOURNAL PUBLICATIONS

1. E. Vlassi, S. Pispas, *Solution Behavior of Hydrolyzed Gradient Methyl/Phenyl Oxazoline Copolymers and Complexation with DNA*, [Macromolecular Chemistry and Physics](#), **216**, 873 (2015).
2. E. Vlassi, S. Pispas, *Imidazolium quaternized polymers based on poly(chloromethyl styrene) and their complexes with FBS proteins and DNA*, [Macromolecular Chemistry and Physics](#), **216**, 1718 (2015).
3. M. Uchman, J. Hajduová, E. Vlassi, S. Pispas, M.-S. Appavou, M. Štěpánek, *Self- and co- assembly of amphiphilic gradient polyelectrolyte in aqueous solution: Interaction with oppositely charged ionic surfactant*, [European Polymer Journal](#), **73**, 212 (2015).
4. E. Vlassi, G. A. Mousdis, S. Pispas, *Nickel Dithiolene Complexes Encapsulated in Biocompatible Amphiphilic Diblock Copolymer Nanoparticles*, [Journal of Polymer Science Part B: Polymer Physics](#), **54**, 2507 (2016).
5. E. Vlassi, A. Papagiannopoulos, S. Pispas, *Amphiphilic poly(2-oxazoline) copolymers as self-assembled carriers for drug delivery applications (Review- Feature Article)*, [European Polymer Journal](#), **88**, 516 (2016).
6. E. Vlassi, A. Papagiannopoulos, S. Pispas, *Self-assembly of poly(ethylene glycol-b-phenyl oxazoline) diblock copolymers in aqueous media and their interactions with proteins (Invited Article)*, [Colloid and Polymer Science Journal](#), **295**, 1359 (2017).
7. A. Papagiannopoulos, E. Vlassi, S. Pispas, C. J. Jafta, *Tuning the solution organization of cationic polymers through interactions with bovine serum albumin*, [Physical Chemistry Chemical Physics](#), **19**, 18471 (2017).
8. E. Vlassi, P. Vlachos, M. Kornaros, *Effect of ozonation on table grapes preservation in cold storage*, [Journal of Food Science and Technology, Springer](#), **1** (2018).
9. E. Vlassi, A. Papagiannopoulos, S. Pispas, *Hydrolyzed poly(2-phenyl-2-oxazoline)s in aqueous media and biological fluids*, [Macromolecular Chemistry and Physics](#), **219** (2018).
10. A. Papagiannopoulos, E. Vlassi, S. Pispas, J. E. Houston, *Association and Internal Morphology of Self-Assembled HPPhOx/BSA Hybrid Nanoparticles in Aqueous Solutions*, [Journal of Physical Chemistry B](#), **122**, 7426 (2018).

- 11.** A. Papagiannopoulos, E. Vlassi, *Stimuli-responsive nanoparticles by thermal treatment of bovine serum albumin inside its complexes with chondroitin sulfate*, [Food Hydrocolloids](#), **87**, 602 (2019).
- 12.** A. Papagiannopoulos, E. Vlassi, A. Radulescu, *Reorganizations inside thermally stabilized protein/polysaccharide nanocarriers investigated by small angle neutron scattering*, [Carbohydrate Polymers](#), **218**, 218 (2019).
- 13.** E. Vlassi, A. Papagiannopoulos, *Nanoformulation of fibrinogen by thermal stabilization of its electrostatic complexes with hyaluronic acid*, [International Journal of Biological Macromolecules](#), (2020).