

## ΒΙΟΓΡΑΦΙΚΟ ΣΗΜΕΙΩΜΑ

### Eleni Vlasi

Post-Doctoral Researcher in Polymers, Bio – and Hybrid  
Materials and Food Science  
Theoretical and Physical Chemistry Institute  
National Hellenic Research Foundation  
48 Vassileos Constantinou Ave.  
Athens 11635, Greece



Phone: +30 210 7273825

E-mail: evlassi@eie.gr

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### EDUCATION

- Ph.D. in Chemistry, University of Athens, Greece (2015)
- M.Sc. in Department of Chemical Engineering, University of Patras, Greece (2012)
- B.Sc. in Department of Chemical Engineering, University of Patras, Greece (2009)

### PROFESSIONAL EXPERIENCE AND APPOINTMENTS

- 02/2020 – present: Postdoctoral Research Associate, I.K.Y. Scholarship (ESPA 2014-2020), Theoretical and Physical Chemistry Institute, National Hellenic Research Foundation, Greece
- 01/2019-02/2020: Postdoctoral Research Associate, Program INNOVATION – EL, Theoretical and Physical Chemistry Institute, National Hellenic Research Foundation, Greece
- 11/2016-07/2017: Supervisor in Environmental Conditions, EDSNA, Greece
- 11/2015-11/2016: Postdoctoral Research Associate, I.K.Y. Scholarship - Program Siemens, Theoretical and Physical Chemistry Institute, National Hellenic Research Foundation, Greece

06/2012-12/2014: PhD student, Program «Thales II», University of Athens and Patras  
- Theoretical and Physical Chemistry Institute, National Hellenic  
Research Foundation, Greece

### **MAIN RESEARCH INTERESTS**

- Polymer science
- Biomaterials and hybrid materials
- Nanostuctured materials
- Nanoparticles and self - assembly
- Food science, processing and engineering

### **TEACHING EXPERIENCE**

- Four undergraduate courses, Department of Chemical Engineering, University of Patras, Greece, 2010–2012.

### **PROFESSIONAL AFFILIATIONS & ACTIVITIES**

- Member of the Hellenic Society of Biomaterials.
- Member of Technical Chamber of Greece
- Reviewer for scientific research journals in the fields of polymeric, bio- and hybrid materials and food science, processing and engineering

### **AWARDS AND DISTINCTIONS**

- Scholarship from the Technical Chamber of Greece for highest undergraduate academic achievements, 2012
- Scholarships from the Hellenic Scholarships Foundation for highest undergraduate academic achievements, 2004-2006

### **PUBLICATIONS**

13 peer-reviewed publications (till 7/ 2020)

**SELECTED PUBLICATIONS**

1. "Imidazolium quaternized polymers based on poly(chloromethyl styrene) and their complexes with FBS proteins and DNA", E. Vlassi, S. Pispas, [Macromolecular Chemistry and Physics, 216, 1718 \(2015\)](#).
2. "Nickel Dithiolene Complexes Encapsulated in Biocompatible Amphiphilic Diblock Copolymer Nanoparticles", E. Vlassi, G. A. Mousdis, S. Pispas, [Journal of Polymer Science Part B: Polymer Physics, 54 2507 \(2016\)](#).
3. "Effect of ozonation on table grapes preservation in cold storage", E. Vlassi, P. Vlachos, M. Kornaros, [Journal of Food Science and Technology, Springer, 1 \(2018\)](#).
4. "Hydrolyzed poly(2-phenyl-2-oxazoline)s in aqueous media and biological fluids", E. Vlassi, A. Papagiannopoulos, S. Pispas, [Macromolecular Chemistry and Physics, 219 \(2018\)](#).
5. "Reorganizations inside thermally stabilized protein/polysaccharide nanocarriers investigated by small angle neutron scattering", A. Papagiannopoulos, E. Vlassi, Radulescu A., [Carbohydrate Polymers, 218, 218 \(2019\)](#).