

DIANA KAZARYAN

CHEMIST, PHD CANDIDATE

Personal Data:

- ◆ Laboratory: LCPO, Université Bordeaux / CNRS ENSCBP
16 Avenue Pey-Berland, 33607 Pessac Cedex, France
- ◆ Telephone number: +33 5 5684 7958
- ◆ Email Address: diana.kazaryan@enscbp.fr

Research Interests:

Biomaterials, Organic Synthesis, Synthesis of macromolecules with complex architectures, Polypeptide Synthesis, Drug-delivery systems, Biomimetic systems, Tissue Engineering, Biomedical Engineering, Regenerative Medicine.

Education:

- ◆ November 2017-September 2019:

Master in Science: “Polymer Science and Its Applications”, (Final grade pending), Chemistry Department, National & Kapodistrian University of Athens, Greece
Primary Supervisor: Professor Hermis Iatrou

- ◆ September 2013- September 2017:

Bachelor: Chemistry Degree ,University of Crete, Department of Chemistry, Greece

Research Experience:

- ◆ December 2019- ongoing:

PhD in Chemistry at the LCPO laboratory in Bordeaux, Group of Polymer Self-Assembly and Life Sciences”, under the supervision of Dr. Olivier Sandre and *Prof. Sébastien Lecommandoux*.

Project: “Biological cell killing induced by anisotropic magnetic polymersome rotation under low frequency alternating magnetic field”

- ◆ November 2017- September 2019:

Master in Science, Laboratory of Industrial Chemistry (Polymer Lab),Group of *Prof. Hermis Iatrou*, Chemistry Department, National and Kapodistrian University of Athens, Greece.

Title: “Synthesis and Characterization of multi-Responsive Graft-Polypeptides for Controlled Drug Release”

- ◆ January 2017- September 2017:

Diploma Thesis, Group Hybrid Nanostructures of *Prof. Spiros.H.Anastasiadis*, Foundation of Research and Technology (FORTH), Institute of Electronic structure and Laser (IESL), Heraklion, Crete.

Primary Supervisor: Professor Spiros.H.Anastasiadis

Title: “Electrical Characterization of Skin Analogues”

Publications:

G. Kaklamani,* [D. Kazaryan](#), J. Bowen, F. Iacovella, S. H. Anastasiadis and G. Deligeorgis "On the Electrical Conductivity of Alginate Hydrogels" *Regen. Biomater.* 5, 293-301 (2018).

Conferences:

- ◆ May 2017: Attendance at the 19th Chemistry Postgraduates' Conference Heraklion, Crete
- ◆ September 2017: Attendance at the Chemical Biology Disease Conference, FORTH, Crete
- ◆ October 2018: Oral presentation by Prof. Hermis Iatrou at the 12th Hellenic Polymer Society International Conference 2018, Ioannina

Title: “Responsive Polymeric Nanostructures for Drug Delivery to Treat Cancer”
[Hermis Iatrou](#), Panagiota Fragouli, Panagiotis Christakopoulos, Dimitra Stavroulaki, Varvara Athanasiou, Maria Kasimati, Katerina Mathianaki, [Diana Kazaryan](#), Fotini Arfara, Niki Roumelioti

- ◆ October 2018: Poster Participation in 12th Hellenic Polymer Society International Conference 2018, Ioannina

Poster Title: “Synthesis of Polypeptide-Based Nanocarriers Featuring Surface Markers for Targeted Drug Delivery to Cancer Cells”

[Panagiotis Christakopoulos](#), [Diana Kazaryan](#), Hermis Iatrou

- ◆ October 2018: Poster Presentation at the 12th Hellenic Polymer Society International Conference 2018, Ioannina

Poster Title: “Synthesis and Characterization of Hybrid Copolymers containing Tryptophan and study of their Applications for Cancer Treatment”

[Maria Kasimati](#), Katerina Mathianaki, Panagiotis Christakopoulos, [Diana Kazaryan](#), Hermis Iatrou

- ◆ June 2019: Poster Participation at the European Polymer Congress 2019, Heraklion, Crete.

Poster Title: “pH and redox-Responsive Polypeptides based on poly(Histidine) and poly(Cysteine) for Controlled Drug Release”

[Dimitra Stavroulaki](#), Katerina Mathianaki, [Diana Kazaryan](#), Hermis Iatrou