



Megi Bejko

PhD Student - Under the supervision of Dr. Sandre (LCPO) and Dr. Mornet (ICMCB)

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RESEARCH EXPERIENCE

- 09/2020 - currently **PhD Student, LCPO and ICMCB, Bordeaux, France**
- *Thermo-stimulated drug delivery under magnetic field, supervised by Dr. Sandre and Dr. Mornet (University of Bordeaux-Excellence Grant)*
- 01-06/2019 **Assistant teacher at University of Bordeaux, Chemistry Department**
- *Inorganic chemistry - Bachelor level; Practical sessions supervision & tutorials in classes*
- 06-07/2018 **Master 2 internship, ICMCB Group 5, Bordeaux, France**
- *Development of magneto-stimulated drug release systems, supervised by Dr. Mornet*
- 01-03/2018 **Internship, CRPP MaFIC Group, Bordeaux, France**
- *Self-assembly of patchy nanoparticles (NPs) driven by DNA recognition, supervised by Dr. Merindol and Pr. Ravaine*
- 04-07/2017 **Master 1 Internship, ICMCB Group 5, Bordeaux, France**
- *Synthesis and characterisation of magnetic NPs for drugs delivery purposes, supervised by Dr. Mornet*
- 04-07/2017 **Extended Bachelor's Internship, CRPP MaFIC group, Bordeaux, France**
- *Synthesis and characterisation of hybrid patchy NPs, supervised by Pr. Ravaine and Dr. Rouet*

EDUCATION

- 2017/19 **Master Degree on Advanced Materials, University of Bordeaux, France**
- *Master graduated with honours*
- 2014/17 **Bachelor Chemistry, University of Bordeaux, France**
- *Bachelor graduated with honours*
 - *"Amadeus Scholarship" grant received for master program based on merit from the cluster of excellence Labex Amadeus; 2 year funding (2017-2019)*

SKILLS

- Theoretical *Complete training in the domain of chemistry and physical chemistry of materials (**polymers, colloids, hybrids, inorganics**)*
- Practical *Synthesis: NPs synthesis by sol/gel, co-precipitation, polyol, thermolysis; Polymer synthesis by mass, emulsion, suspension polymerization; Colloidal science: stabilization; surface functionalization; self assembly*
Characterizations: TEM, UV/IR/Fluorescence/Raman/NMR spectroscopy, DLS, DSC, DMA, TGA, XRD, z-potential
- Languages **Trilingual in French, English and Albanian**

INTERESTS

Photography and theater