

PhD student: Ana Lacramioara LUNGOCI

Education: **2013:** Bachelor's degree in Bioengineering (Faculty of Medical Bioengineering, „Grigore T. Popa” University of Medicine and Pharmacy Iași); **2015:** Master's degree in Prosthetic Bioengineering (Faculty of Medical Bioengineering, „Grigore T. Popa” University of Medicine and Pharmacy Iași); **2020:** PhD in Chemistry (in progress) „Petru Poni” Institute of Macromolecular Chemistry Iași

Expertise fields: synthesis and coating of magnetic nanoparticles, functionalization of magnetic nanoparticles with antioxidant enzymes (catalase and superoxide dismutase) and antioxidant therapeutic agents, testing antioxidant activity of functionalized nanoparticles (DPPH method), physico-chemical characterization of tested samples (FT-IR, Dynamic light scattering, drug release tests).

Scientific achievements: 6 scientific papers published in international journals, 11 conference participations, 1 book chapter