

PhD Student: Bogdan F. Craciun

Education: **2016 – present:** PhD studies at ICMPP Iasi, RO; **2014:** Master degree at Faculty of Chemistry, UAIC Iasi, RO; **2012:** Bachelor degree at Faculty of Chemistry, UAIC Iasi, RO.

International and national conferences: **7** as **oral** communications and **4** as **poster** presentations.

Scholarship: **2019 –** Practice mobility at University of Florence, Department of Pharmaceutical and Nutriceutical Sciences, Florence, Italy (**2 months**); **2013 -** Practice mobility - LLP-Erasmus scholarship at Technical University of Braunschweig, Institute of Inorganic and Analytical Chemistry, Department of Organo-metallic Chemistry, Braunschweig, Germany (**3 months**).

Expertise fields: Synthesis and characterization of micro and macromolecular compounds. Development of dynamic constitutional systems for genes and drugs delivery via reversible imine chemistry, being able to target specific cells.

Scientific achievements: specialized in organic synthesis and in all the techniques used to purify and characterize the obtained compounds (NMR, FTIR, UV-Vis, etc.). Experienced in the field of drug and genetic material delivery systems obtained by using Dynamic Chemistry and possess strong knowledge of all the techniques used to characterize the obtained polymeric dynamic systems, from structural point of view (NMR, FTIR, UV-VIS, SAX, XRD, XPS, CD etc.) to morphological techniques (AFM, TEM, SEM, DLS, etc.) and biological assessments (Gel Electrophoresis, Gel Red assay, etc.). **6** scientific papers published in ISI rated journals with a cumulative impact factor of **16.42**, H-index (ISI Web of Science): **3**, number of citations (without auto-citations): **18**.