

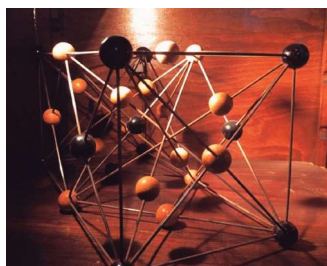
# Doctoral School on Chemistry

The PhD program in Chemistry stands out for its unique comprehensive structure. It offers students a blend of modern chemistry lectures and hands-on training in critical analysis of scientific literature, grant application preparation, result defense, scientific paper writing, and communication skills for paper presentations. The program also includes specialized training in mass spectrometry, NMR, green chemistry, “operando” investigations, surface plasmon resonance, and applied electrochemistry.

The students are integrated into the School by joining internationally recognized research groups covering a broad spectrum of chemical science ranging from catalysis and biocatalysis (1) to organic, inorganic (2), physical, analytical (3), bioanalytical (4), and theoretical chemistry.

Our School is equipped with state-of-the-art apparatus and has access to sophisticated facilities such as synchrotron in-situ and operando investigations, HRTEM, HADAF, XPS, and STEM characterizations. We also foster a culture of publication in high-ranked journals and encourage participation in top international conferences. This ensures that our students have the resources and exposure necessary for their academic and professional success.

The Doctoral School has a strong foothold in the European strategy for PhD students. The School offers a range of opportunities for international training network projects, conventions of international co-tutelles, and bilateral agreements for exchange PhD students. These opportunities enable PhD students to engage in research collaborations and exchange programs with other universities and research institutes across Europe. The School's commitment to fostering international partnerships underscores its commitment to providing PhD students with a rich and diverse academic experience.

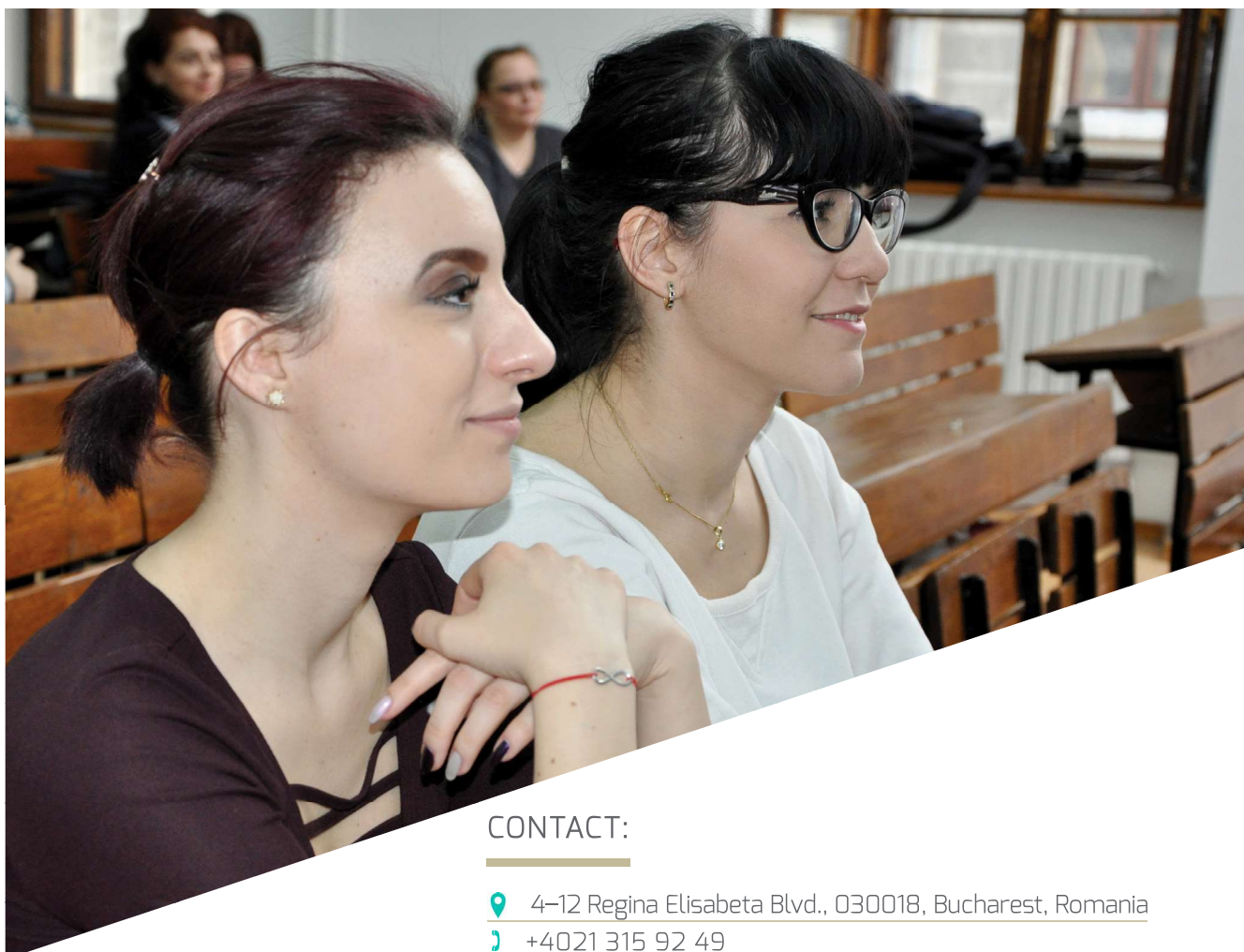
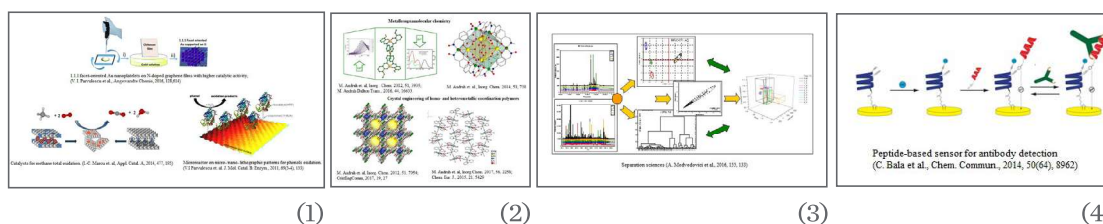


*The PhD program in Chemistry at the University of Bucharest provided me with an opportunity to grow in a free-thinking, multidisciplinary research environment. Obtaining a PhD from one of the top universities in Romania has equipped me with the necessary skills to succeed in the future.*

*The expectations for a PhD student in chemistry are high, but I quickly became aware that the program I am following helps me compete successfully with students from other top schools in Europe. I had the chance to work in a group that offered an excellent environment for my intellectual development.*

**Dr. NATALIA CANDU**

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