



## Camelia-Georgiana Marandis

**PhD Student**

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PhD thesis topic: Hybrid and/or chimeric and/or hybrid-chimeric compounds with azine skeleton: design, synthesis, structure and applications, Coordinator Prof. univ. dr. Mangalagiu Ionel

### Research topics

Synthesis, purification, and characterization of new compounds with azaheterocyclic structures. Studying reactions to obtain compounds through non-conventional methods that support green chemistry: ultrasound irradiation and assisted microwave reactions. Evaluation of the potential biological activity (anticancer and antimicrobial) of the synthesized compounds. Characterization methods employed in our studies are: Nuclear Magnetic Resonance Spectroscopy (NMR), Fourier Transform Infrared Spectroscopy (FTIR), UV-measurements, X-Ray Diffraction (XRD).

### Visibility

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