



The Doctoral School of Chemistry

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THE TOPIC FOR ADMISSION TO DOCTORAL STUDIES
Session – September 2023
CHEMISTRY FIELD

Prof. univ. dr. habil. Cecilia ARSENE

- 1. Polycyclic aromatic hydrocarbons (PAHs) and their derivatives in the atmosphere of the Iasi urban area, north-eastern Romania: Sources apportionment and health risk assessments.**

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Prof. univ. dr. Elena BÎCU

- 1. New penta- and hexa-atomic azaheterocyclic compounds. Syntheses and applications.**

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Prof. univ. dr. habil. Mihail-Lucian BÎRSĂ

1. New tricyclic flavonoids with antimicrobial properties.

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Prof. univ. dr. Gabi DROCHIOIU

1. Major environmental pollutants: biomedical implications and specific methods to investigate the action of heavy metals, dinitrophenols and cyanogens.

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Prof. univ. dr. Ionel MANGALAGIU

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Prof. univ. dr. habil. Romeo-Iulian OLARIU

1. Study of the atmospheric degradation of selected clean organic solvents.

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Prof. univ. dr. Aurel PUI

1. **Advanced oxide nanostructures for catalysis and green energy production.**

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