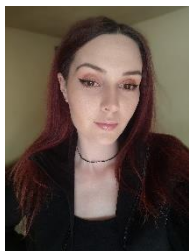


PERSONAL DATA



Name
Adress
Phone
E-mail
Nationality
Date of birth
Sex
Civil status

BÎRZU ALEXANDRA GEORGIANA

Porumbului street, nr. 10, Iași, Iași
0758672129
alexandrbrzu@yahoo.com
Romanian
21.03.1998
Feminin
Unmarried

EDUCATION AND FORMATION

| Period | Name of the education or training organization | The title of the PhD thesis | Field | Period | Qualification obtained |
|--------------------------|---|---|-----------|------------------|--|
| 01.10.2024-curent | "School of Advanced Studies of the Romanian Academy" (SCOSAAR) - Institute of Macromolecular Chemistry "Petru Poni", Iasi | Heterocyclic Schiff Bases and Derived Metal Complexes with Anticancer Potential | Chemistry | 2020-2022 | Master's Degree, Major in Chemistry of Cosmetic and Pharmaceutical Products |
| | "Alexandru Ioan Cuza" University in Iași, Faculty of Chemistry | | | 2017-2020 | Bachelor's Degree, Major in Chemistry |
| | "Alexandru Ioan Cuza" University in Iași, Faculty of Chemistry | | | 2014-2017 | Diploma de bacalaureat |
| | | | | | Colegiul Național "Garabet Ibrăileanu", Iași, Profil Real, Specializarea Științe ale Naturii |

PROFESIONAL SKILLS

Native language
Foreign languages
Communication skills

Computer skills

Romanian
English [read– B1, written-B1, speaking-B2]
Very good communication skills acquired during professional training and years of university studies, through the prism of own experience appropriate to contextual requirements.
Microsoft Office (Word, Excel, PowerPoint), ChemDraw

DESCRIPTION OF THE SCIENTIFIC ACTIVITY

Synthesis and characterization of G-quadruplex DNA stabilizers with phenanthroline structure. The compounds obtained were characterized by techniques such as FTIR, NMR, TLC. The study of the elements manganese, iron, cobalt and their role in the living world.