

# Elisabeta Atyim

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## EXPERIENȚA PROFESIONALĂ

**ASISTENT UNIVERSITAR – UNIVERSITATEA DE MEDICINĂ ȘI FARMACIE „VICTOR BABEȘ" TIMIȘOARA, FACULTATEA DE FARMACIE** – 2025 – În curs – TIMISOARA

**FARMACIST – FARMACIA DONA** – 2023 – 2025

**LUCRĂTOR COMERCIAL – FARMACIA DONA** – 2022 – 2023 – TIMISOARA

## EDUCAȚIE ȘI FORMARE PROFESIONALĂ

2025 Timișoara
**MODUL PSIHOPEDAGOGIC - NIVEL II** Departamentul pentru Pregătirea Personalului Didactic (DPPD), Universitatea de Vest din Timișoara

2024 – 2025 Timișoara
**MODUL PSIHOPEDAGOGIC - NIVEL I** Departamentul pentru Pregătirea Personalului Didactic (DPPD), Universitatea de Vest din Timișoara

2023 – ÎN CURS Timisoara, România
**PHD STUDENT** Victor Babeș University of Medicine and Pharmacy

2018 – 2023 Timisoara, România
**BACHELOR'S DEGREE** Victor Babeș University of Medicine and Pharmacy

2014 – 2018 Satu Mare, România
**GRADUATION DEGREE** Ioan Slavici National College

## CONFERINȚE ȘI SEMINARE

2025 Târgu Mureș
**Congresul Național de Farmacie 2025 Ediția a XX-a**

Investigarea *in silico* a hibriziloracidului betulinic cu potențială activitate antitumorală

2025 Timisoara
**International Conference on Interdisciplinary Approaches and Emerging Trends in Pharmaceutical Doctoral Research: Innovation and Integration, 1st edition**

Computational Exploration of Betulinic Acid Hybrids as Dual BCL-2/BCL-XL Inhibitors

05/2024 Târgu Mureș
**MARISIENSIS**

EXPLORING THE IN SILICO PRO-APOPTOTIC POTENTIAL OF TRITERPENE-TRIAZENE DERIVATIVES
University of Medicine, Pharmacy, Sciences and Technology Târgu Mureș

2019 Arad
**International Conference Western University "Vasile Goldiș" from Arad**

ECONOMY - HISTORY - SOCIETY

2018 Satu Mare
**The circle of applied Chemistry "Knowledge and Truth" 'Ioan Slavici' National College**

2017
**International Conference Western University "Vasile Goldiș" from Arad**

REGIONAL SUSTAINABLE DEVELOPMENT - THROUGH COMPETITIVNESS, INNOVATION AND HUMAN CAPITAL

2017 Arad
**International Scientific Symposium Western University "Vasile Goldiș" from Arad**

VALUATION OF SCIENTIFIC RESEARCH -CONDITION OF SUSTAINABLE LOCAL DEVELOPMENT 2th edition

## PROIECTE

20/05/2016 – 21/05/2016
**Chemistry – Friend or enemy?! Science Symposium for Students and teachers from pre-university education - national stage**

The title of the paper: "Differently about laundry bleach"- First Prize
Faculty of Chemistry from Bucharest

## COMPETENȚE LINGVISTICE

Limbă(i) maternă(e): **MAGHIARĂ** | **ROMÂNĂ**

Altă limbă (Alte limbi):

| | COMPREHENSIUNE | | VORBIT | | SCRIS |
|---|---|---|---|---|---|
| | Comprehensiune orală | Citit | Producerea de mesaje orale | Conversație | |
| **ENGLEZĂ** | B2 | B2 | B2 | B2 | B2 |

*Niveluri: A1 și A2 Utilizator de bază B1 și B2 Utilizator independent C1 și C2 Utilizator experimentat*

## COMPETENȚE

Microsodt office | Microsoft Excel | Microsoft Office | Microsoft Word | Using databases | Online essentials | Online Essentials - Instrumente online | Word processing (Word)

## PERMIS DE CONDUCERE

**Permis de conducere:** B

## VOLUNTARIAT

2022 – 2023 Timișoara
**ACADEMIC DEVELOPMENT ACTIVITY - VADA**

Department I: Drug Analysis, Chemistry of Environmental Factors, Hygiene and Nutrition
"Victor Babeș" University of Medicine and Pharmacy, Timișoara

2019 Târgu Mureș
**Antibioticum Campaign**

THE IMPORTANCE OF ANTIBIOTIC EDUCATION University of Medicine, Pharmacy, Sciences and Technology,

## PUBLICAȚII

### Article

1. Slavița Rotunjanu, Raluca Pop, Marius Mioc, Mihaela Jorgovan, **Elisabeta Atyim**, Codruța Șoica. Theoretical investigations of the properties of some dy-porphyrins. Journal of Experimental Pharmacology and Toxicology, IEPT 2025, 2(2)
2. Silvia Gruin, Octavian Crețu, Alexandra Mioc, Marius Mioc, Alexandra Prodea, **Elisabeta Atyim**, Alexandra Teodora Lukinich-Gruia, Maria-Alexandra Pricop, Armand Gogulescu, Codruța Șoica. Evaluation of Cedrus atlantica Essential Oil: Chemical Composition, Anticancer Activity and Molecular Docking Studies. Molecules 2026, Volume 31(1), Article 46.
3. **Elisabeta Atyim**, Laura Atyim, Marius Mioc, Alexandra Mioc, Codruța Șoica, Dan Radu Gheorghe, Roxana Negrea-Ghiulai, Nicoleta Anamaria Pașcalău. Structure-Based Computational Evaluation of Betulinic Acid-Derived Hybrids as Potential Bcl-2/Bcl-XL Modulators. Processes 2026, Volume 14(11), Article 1707.
4. Silvia Gruin, Alexandra Mioc, Roxana Racoviceanu, Tamara Maksimovic, Mihaela Jorgovan, Alexandra Prodea, **Elisabeta Atyim**, Alexandra T. Lukinich-Gruia, Maria-Alexandra Pricop, Codruța Șoica. In Vitro and In Silico Assessment of the Anti-Cancer Potential of Pinus sylvestris and Picea abies Needle Essential Oils. Applied Sciences 2026, Volume 16(17), Article 8839.
5. Alexandra Prodea, Marius Mioc, Andreea Munteanu, Alexandra Mioc, Nicoleta Anamaria Pașcalău, Bogdan-Ionuț Mara, **Elisabeta Atyim**, Mihaela Balan-Porcarasu, Roxana Racoviceanu, Codruța Șoica. Novel C3/C28-bis-1,2,4-Triazolyl-sulfanylacetate-betulin Derivatives: Synthesis and Evaluation of Anticancer Potential. International Journal of Molecular Sciences 2026, Volume 27(13), Article 5960.
6. Christian Goldiș, Roxana Racoviceanu, Roxana Negrea-Ghiulai, Alexandra Mioc, Alexandra Prodea, **Elisabeta Atyim**, Tamara Maksimovic, Alexandra T. Lukinich-Gruia, Maria-Alexandra Pricop, Codruța Șoica. Maceration, Soxhlet Extraction, and Steam Hydrodistillation of Anethum graveolens Seeds: Phytochemical Profiles and Cytotoxic Effects. Molecules 2026, Volume 31(18), Article 3337.

### Review

1. Tamara Maksimović, Carmen Gădău, Gabriela Antal, Mihaela Čoban, Oana Eșanu, **Elisabeta Atyim**, Alexandra Mioc, Codruța Șoica. Polyphenol-based therapeutic strategies for mitochondrial dysfunction in aging. Biomolecules 2025, Volume 15(8), Article 1116, 2025.
2. Christian Goldiș, Nicoleta Anamaria Pașcalău, Roxana Racoviceanu, Tamara Maksimovic, Mihaela Jorgovan, **Elisabeta Atyim**, Oana Bătrîna, Marius Mioc, Codruța Șoica. Rare-Earth Elements at the Interface of Chemistry and Cancer Therapy. Molecules 2026, Volume 31(8), Article 1264.
3. Oana Bătrîna, Roxana Negrea-Ghiulai, Liana Suciu, Roxana Racoviceanu, **Elisabeta Atyim**, Mihaela Jorgovan, Tamara Maksimovic, Alexandra Mioc, Cristina Trandafirescu, Codruța Șoica, Marius Mioc. Plant-Derived Compounds as Potential Sensitizers to Immunotherapy in Melanoma. International Journal of Molecular Sciences 2026, Volume 27(10), Article 4423.
4. Gabriela Antal, Nicoleta Anamaria Pașcalău, **Elisabeta Atyim**, Oana Bătrîna, Codruța Șoica, Marius Mioc, Cristina Tandafirescu, Alexandra Mioc. Fatty Acids in Cancer Therapy: Chemical Conjugates, Nanocarriers, and Therapeutic Opportunities. Molecules 2026, Volume 31(11), Article 1848.

### Abstracte la conferințe naționale și internaționale

1. **Elisabeta Atyim**, Marius Mioc, Codruța Șoica. Exploring the in silico pro-apoptotic potential of triterpene-triazene derivatives, Acta Medica Marisiensis – Marisiensis 2024, Pharmaceutical Sciences – Pharmacy Section, Page 133.
2. **Elisabeta P. Atyim,** Marius Mioc, Codruța Șoica. Computational Exploration of Betulinic Acid Hybrids as Dual BCL-2/BCL-XL Inhibitors. Proceedings 2025, International Conference on Interdisciplinary Approaches and Emerging Trends in Pharmaceutical Doctoral Research: Innovation and Integration, Volume 127(1), Page 14, 2025.
3. **Elisabeta Atyim**, Nicolae-Marius Mioc, Codruța Șoica. In silico investigation of betulinic acid hybrids with potential antitumor activity. National Congress of Pharmacy (XXth Edition), 2024, ID 734.