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Andreea Anda Alexa

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WORK EXPERIENCE

Victor Babeș University of Medicine and Pharmacy of Timișoara, Academic Department of Biochemistry

Address: Pta Eftimie Murgu nr 2, 300041, Timisoara, Romania

[09/2026 – Current] **Lecturer**

Victor Babeș University of Medicine and Pharmacy of Timișoara, Academic Department of Biochemistry

Address: Piaţa Eftimie Murgu nr. 2, 300041, Timisoara, Romania

[10/2011 – 09/2026] **Assistant professor**

Coordination of practical activities (laboratory/seminar) in the disciplines of Chemistry, Biochemistry, Clinical Biochemistry and Oral Cavity Biochemistry

Victor Babeș University of Medicine and Pharmacy of Timișoara , Academic Department of Biochemistry

Address: Piaţa Eftimie Murgu nr. 2, 300041, Timisoara, Romania

[02/2009 – 10/2011] **University teaching assistant**

Coordination of practical activities (laboratory/seminar) in the disciplines of Chemistry, Biochemistry and Clinical Biochemistry

The Faculty of Industrial Chemistry and Environmental Engineering, UPT

Address: Piaţa Victoriei nr. 2, 30006, Timisoara, Romania

[10/2007 – 11/2010] **Full-time PhD Student**

Research, documentation activity and synthesis of organic compounds.

EDUCATION AND TRAINING

PhD Diploma

The Polytechnic University of Timisoara

Address: Piaţa Victoriei nr. 2, 30006 | **Field(s) of study:** Chemistry

Studies: Organic Synthesis; Spectroscopy (IR, NMR, GC-MS techniques); Biological Activities

PhD Thesis: *Synthesis, Study, and Properties of Heterocyclic Mercaptans from the Azole Class, Compounds with Potential Cytotoxic Effects.*

PhD Supervisor: Prof. Univ. Dr. Carol Csunderlik

Doctorate in Chemistry, awarded according to MECTS Order no. 4387/06.06.2011

Certificate of completion of the English Language Course, Level B1.2.

International House Timisoara

Field(s) of study: English Language

[2002 – 2006] **Diploma of Completion of the Psychopedagogical Module**

The Faculty of Industrial Chemistry and Environmental Engineering, UPT

Field(s) of study: Educational Psychology Pedagogy Subject Didactics (Chemistry) Educational Communication Sociology of Education Teaching Practice

[2002 – 2007] **Diploma of Certified Engineer**

The Faculty of Industrial Chemistry and Environmental Engineering, UPT

Field(s) of study: Chemistry and Chemical Engineering

Five-year long-cycle degree in Chemical Engineering (Diploma Examination Grade: 10.00; cumulative ECTS average grade: 9.95).

[1998 – 2002] **High School Diploma (Baccalaureate)**

Coriolan Brediceanu National College, Lugoj, Romania

Field(s) of study: High School

Chemistry–Biology profile

Baccalaureate Diploma, final grade: 9.74

LANGUAGE SKILLS

Mother tongue(s): Romanian

Other language(s):

English

LISTENING C1 **READING** C1 **WRITING** C1

SPOKEN PRODUCTION C1 **SPOKEN INTERACTION** C1

French

LISTENING A1 **READING** A1 **WRITING** A1

SPOKEN PRODUCTION A1 **SPOKEN INTERACTION** A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

Organizational skills and abilities

Analytical and conceptual thinking | Ability to analyze and synthesize information

Social skills

Enhanced communication and presentation abilities gained through academic teaching experience | strong communication skills developed during the research period

Digital skills

Good skills in using Microsoft Office (Word, Excel, PowerPoint) | Experienced in using ISIS Draw and ChemDraw for chemical structure drawing | very good computer skills, including Internet use and web research.

Scientific and technical skills and competences

Expertise in modern molecular genetics techniques and their biomedical applications | Molecular biology techniques including DNA extraction, PCR, sequencing, and fragment analysis | Design, synthesis, and physicochemical characterization of chemical compounds

Other skills and competences

Team-oriented, receptive to new ideas, and capable of rapid learning

DRIVING LICENCE

Cars: B

ADDITIONAL INFORMATION

[30/11/2008 – Current] **Member of the Romanian Society of Biochemistry and Molecular Biology**