



## Curriculum vitae Europass



### Personal Information

First name / Surname

**Iolanda TOLAN**

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Nationality

Hungarian

Gender

Female

### Work / Occupational field

"Aurel Vlaicu" University of Arad, Faculty of Food Engineering, Tourism and Environmental Protection /  
Education - Higher Education and Research

### Work experience

October 2019 -  
present

Assistant professor  
"Aurel Vlaicu" University from Arad,  
Faculty of Food Engineering, Tourism and Environmental Protection Șef lucrări  
Universitatea "Aurel Vlaicu" din Arad,

October 2003 -  
October 2019

University assistant  
"Aurel Vlaicu" University from Arad,  
Faculty of Food Engineering, Tourism and Environmental Protection

March 1999 -  
October 2003

Assistant professor  
"Aurel Vlaicu" University from Arad,  
Faculty of Food Engineering, Tourism and Environmental Protection

October 1991 -  
March 1999

University assistant  
"Aurel Vlaicu" University from Arad,  
Faculty of Food Engineering, Tourism and Environmental Protection

September 1990 -  
September 1991

Chemical engineer  
"Porțelanul" Company of Alba-Iulia (Romania)  
Industrial sector - Pilot Station, Laboratory, Porcelain Firing Section

September 1987 -  
September 1990

Trainee chemical engineer  
"Porțelanul" Company of Alba-Iulia (Romania)  
Research in industrial sector - Performing the traineeship program at Pilot Station and Laboratory

## Education and training

2018 - 2020	Master level university studies / Master degree Field: Environmental Engineering Assessment and Control of Environmental Quality "Aurel Vlaicu" University Arad, Faculty of Food Engineering, Tourism and Environmental Protection
2017 - 2018	Postgraduate Studies - Certification of Competences for the Teaching Profession "Aurel Vlaicu" University Arad, Faculty of Educational Sciences, Psychology and Social Assistance Psychopedagogical Training Program for Competence Certification for the Teaching Profession Level I and Level II
December 2015	Specialization - Project Manager - COR code 241919 Certificate of graduation DOCEO Association Mehedinți (Romania)
November 2015	Specialization - Trainer - COR code 242401 Certificate of graduation DOCEO Association Mehedinți (Romania)
2003 - 2008 2010 - 2013	Doctoral Studies - Chemistry field PhD in Chemistry West University of Timisoara, Faculty of Chemistry, Biology, Geography
February 2003	Certificate regarding the degree of knowledge of the French language University of West Timișoara, Faculty of Letters, Philosophy and History, Department of Romance Languages
February 1988 Title of qualification awarded	Refresher training - Attestation for graduation of refresher training in informatics Certificate of Graduation PC User Institute of Scientific Research and Technology for Computer Engineering and Informatics of Sibiu (Romania)
1982 - 1987	University studies - Engineer / Chemical Engineer Diploma Chemical Technology Field - Technology of silicates and oxide compounds "Traian Vuia" Polytechnic Institute of Timisoara (Romania), Faculty of Chemical Technology

## EXPERIENCE gained in PROJECTS

Collaborations in development strategies and research projects:

2022 - 2024  
Project title: Improving the nutritional quality of some meat products by applying innovative technological strategies;  
Project type: Demonstration experimental project (PED, PN-III-P2-2.1-PED-2021-3240);  
Project value 593,995 Lei  
Member of the research team

May 2015  
*Project title:* Biodiversity of species with high nutritional and functional value - Biodiversità di specie ad elevato valore Funzionale e Nutraceutico (BIO.FUN.)  
Project financed by PO FESR funds 2007-2013, Basilicata Region (Italy)  
Partners: Consiglio Nazionale delle Ricerche - Istituto di Bioscienze e Bioresorse - (IBBR - CNR) Basilicata - Italy (NUTS: ITF52) & University „Aurel Vlaicu” of Arad - Faculty of Food Engineering, Tourism and Environmental Protection, Arad - Romania (NUTS: RO421)  
Project value: 130,000 Euro  
Research team member

August - December 2015

*Project title:* "Partnership developed for counselors and practice of students to increase their employability - CONPRACTIS "  
Contract: POSDRU/189/2.1/G/156607  
Partners: "Politehnica" University Timisoara and "Aurel Vlaicu" University of Arad  
Project value 1,032,325 Lei  
Member of the implementation team - Responsible for the Chemistry Area

April - September 2006

*Project title:* The Forum of Mureş - cross-border action for environmental protection  
Cross-border environmental project INTERREG III A HU-RO-SCG-1/356  
Project promoter: Association "Szögedi Védjegylet" from Szeged (Hungary)  
Partners: "CSEMETE" Association - Szeged (Hungary), "Aurel Vlaicu" University in Arad (Romania), Szeged City Hall, Arad City Hall, "Condor Club" Association from Arad  
Project value HUF 458,697  
Member of the implementation team, Translator,  
Organizing the "Mures Forum" conference „Communication campaign to drive local communities in greening”

**TEACHING activities**

*Courses:*  
Atmosphere and Environmental Quality, The Control of Pollutants, Analysis of Food Products, Chemistry, Community Policies in Environmental Protection, Experimental Techniques

*Laboratory works and seminars:*  
The atmosphere and quality of the environment, Water resources and their protection, The control of pollutants, Analysis of food products, Methods and Techniques of instrumental Analysis, Physico-chemical analysis, Food Chemistry, Environmental Chemistry and Physics, Chemistry, General Chemistry, Inorganic and Analytical Chemistry, Community policies in environmental protection

*Internship for Students - Responsible - Organization of internships for students of Faculty of Food Engineering, Tourism and Environmental Protection's*

**TECHNICAL skills**

- Analyzes in the fields of: UV-vis Spectrometry, IR Spectrometry, Thermal Analysis  
- Specialist in the fields: chemistry, chemical analyses, instrumental analyses, environmental quality control, food analysis, silicates and oxide compounds

**DIGITAL skills**

- Content creation - text and graphics editing  
- Information processing  
- Documentation

**PERSONAL skills**

Mother tongue Hungarian

Other languages:  
(Self-assessment)

	UNDERSTANDING		SPEAKING		WRITING	
	Listening	Reading	Spoken interaction	Spoken production		
<i>French</i>	A2	B1	B1	B1		B1
<i>English</i>	B1	B2	A1	A2		A2

**Social and Organisational skills**

- Voluntar / Organizer member in "Plant Good Deeds in Romania" Project - "Youth for Life" Professional Association in collaboration with the Ministry of Environment, Water and Forests - November 2015  
- Team spirit acquired in the UAV team  
- Ability to adapt to different social and cultural backgrounds;  
- Sociable character, open nature  
- Organizational skills with experience in students coordinating, examinations, and scientific events  
- Driving license - B Category - since 1994

**ADDITIONAL informations**

Web of Science ResearcherID H - 4516 - 2016

Hirsch Index 2

PhD theme	Physico-Chemical Study of some Food Additives Stability under Simulated Processing Conditions Principal subjects: Compounds used as food additives, flavorings and their role in additivation technology of food products, Chromatographic methods for chemical composition characterization of the food, Spectroscopic methods for characterization of the chemical composition, Isothermal and non- isothermal kinetics methods, Thermo-analytical study of the solid state reactions.
Publications	- Published scientific papers in ISI journals: 4 - Published scientific papers in B + journals: 2 - Books to publishing houses acknowledged by CNCSIS: 7
Conferences	- Participation in Symposiums and International Conferences-posters: 15 - Communications at National Symposia and Conferences: 4
Projects	- Member in 4 projects
Member in professional associations	- The Romanian Chemical Society - Association for Multidisciplinary Research from the Western Zone of Romania - Association of Romanian Food Industry Specialists (A.S.I.A.R) - education, research and production
<b>Annex</b>	List of Publications, Scientific Communications

Arad,  
September 30 , 2024

Assistant professor dr. ing. Tolan Iolanda

