



## Curriculum vitae Europass

### Personal Information

First name / Surname **Iolanda Tolan**  
Address No. 2 Elena Drăgoi Str., Arad 310330, Arad County, Romania  
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Nationality Hungarian  
Date of birth August 1963  
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

Dates 10 / 1991 - present  
Occupation or position held Assistant professor  
Main activities and responsibilities Teaching: Laboratory works, Seminars  
Scientific research, Scientific and methodological preparation activities,  
Organizing of summer internship for student,  
Managing of chemicals  
Name and address of employer "Aurel Vlaicu" University of Arad, (Romania)  
Faculty of Food Engineering, Tourism and Environmental Protection  
Type of business or sector Education - Research  
Dates 09 / 1990 – 09 / 1991  
Occupation or position held Chemical Engineer  
Main activities and responsibilities Research in Laboratory and Test Station,  
Technologist  
Name and address of employer "Porțelanul" Company of Alba-Iulia (Romania)  
Type of business or sector Industry  
Dates 09 / 1987 – 09 / 1990  
Occupation or position held Trainee Chemical Engineer  
Main activities and responsibilities Performing the traineeship program  
Name and address of employer "Porțelanul" Company of Alba-Iulia (Romania)  
Type of business or sector Research, Test Station

### Education and training

Dates 12 / 2015  
Title of qualification awarded Specialization - Project Manager - COR code 241919  
Principal subjects / covered occupational skills  
Name and type of organization providing education and training DOCEO Association  
Level in national or international classification Certificate of graduation

Dates	11 / 2015
Title of qualification awarded	Specialization - Trainer - COR code 242401
Principal subjects / covered occupational skills	Planning and preparing of the training, Achieving the training activities, Evaluation of trainees, Applying special training methods and techniques, The marketing of training, Design the training curricula, Organizing the training internships, Evaluation, review and quality assurance of curricula and training stages.
Name and type of organization providing education and training	DOCEO Association
Level in national or international classification	Certificate of graduation
Dates	2003 - 2013
Title of qualification awarded	PhD in Chemistry
Principal subjects / covered occupational skills	Compounds used as food additives, flavorings and their role in aditivation 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.
Name and type of organization providing education and training	West University of Timișoara, (Romania) Faculty of Chemistry, Biology and Geography
Level in national or international classification	ISCED 2011 - 840
Dates	02 / 1988
Title of qualification awarded	Attestation for graduation of refresher training in informatics
Principal subjects / covered occupational skills	PC User
Name and type of organization providing education and training	Institute of Scientific Research and Technology for Computer Engineering and Informatics of Sibiu (Romania)
Level in national or international classification	Refresher training - Certificate of Graduation
Dates	10 / 1982 - 06 / 1987
Title of qualification awarded	Chemical Engineer Degree - Chemistry Specialization: "Technology of silicates and oxidic compounds"
Principal subjects / covered occupational skills	Analytical Chemistry, Instrumental Analysis, Technical thermodynamics, Mechanics of Fluids, Glass technology, Ceramic technology, Refractory materials technology
Name and type of organization providing education and training	"Traian Vuia" Polytechnic Institute of Timișoara Faculty of Chemical Technology
Level in national or international classification	ISCED 2011 - 746

### **Professional and scientific activity**

- Published scientific papers in ISI journals: 3
- Published scientific papers in B + journals: 3
- Communications at International Symposiums and Conferences: 6
- Communications at National Conferences and Symposiums: 13
- Books to publishing houses acknowledged by CNCSIS: 7

Teaching activities	<p><b>Laboratory works:</b></p> <ul style="list-style-type: none"> <li>- Modern techniques of analysis and expertise of food,</li> <li>- Biotechnology for flavor substances in food industry.</li> <li>- Instrumental Analysis,</li> <li>- Physico-chemical analysis,</li> <li>- Physics of the environment</li> <li>- General Chemistry,</li> <li>- Inorganic and Analytical Chemistry</li> <li>- Environmental Chemistry and Physics,</li> <li>- Physics and chemistry of polymers</li> <li>- Pollutants control, Modern analytical methods for pollutants analysis</li> <li>- Water resources and their protection</li> <li>- Ecology and Environment protection</li> <li>- Elements of electrochemistry and corrosion</li> </ul> <p><b>Seminar:</b></p> <ul style="list-style-type: none"> <li>- Modern techniques of food analysis and expertise</li> </ul> <p><b>Internship for Students</b> - Responsible - Faculty of Food Engineering, Tourism and Environmental Protection</p>
PhD	<p><b>Theme:</b> Physico-Chemical Study of some Food Additives Stability under Simulated Processing Conditions</p>
Technical skills and competences	<ul style="list-style-type: none"> <li>- Food industry, environmental protection, silicates and oxide compounds</li> <li>- UV-vis and IR spectrometry and thermal analysis - TG / DTG, DTA</li> </ul>
Member in professional associations	<ul style="list-style-type: none"> <li>- Societatea de Chimie din România</li> <li>- Asociația Specialiștilor din Industria Alimentară din România (A.S.I.A.R) - education, research and production</li> </ul>
<p><b>Collaborations in development strategies and research projects:</b></p> <p>August - December 2015</p>	<p>Contract: POSDRU/189/2.1/G/156607</p> <p>Project Title: "Partnership developed for counselors and practice of students to increase their employability - CONPRACTIS "</p> <p>Partners: "Politehnica" University Timisoara</p> <p>Member of the implementation team - Chemistry Field - Responsible</p>
May 2015	<p>Biodiversity of species with high nutritional and functional value - Biodiversità di specie ad elevato valore Funzionale e Nutraceutico (BIO.FUN.)</p> <p>Project financed by PO FESR funds 2007-2013, Basilicata Region (Italy)</p> <p>Partners: Consiglio Nazionale delle Ricerche - Istituto di Bioscienze e Bioresorse - (IBBR - CNR) Basilicata - Italy (NUTS: ITF52) &amp; University „Aurel Vlaicu” of Arad - Faculty of Food Engineering, Tourism and Environmental Protection, Arad - Romania (NUTS: RO421)</p> <p>Project worth 130,000 Euro</p> <p>Research team member</p>
2006	<p>Cross-border project: INTERREG III A HU-RO-SCG-1/356, "Mures Forum" - cross-border action to Environmental Protection</p> <p>Project promoter: "Szögedi Védjegylet" Association</p> <p>Partners: "Csemete" Association - Szeged, University „Aurel Vlaicu” of Arad, Szeged City Hall, Arad City Hall, "Condor Club" Association - Arad</p> <p>Member of research team, Translator</p> <p>Organizing the "Mures Forum" conference - communication campaign to drive local communities in greening</p>
1995	<p>Contract nr.2321 / 13.10.1995.</p> <p>Determination of nitrate, nitrite and phosphate using FIA method. Interpretation algorithm</p> <p>Beneficiary: CAAC Cluj-Napoca</p> <p>Member of research team</p>

1994 Contract Nr.1052 /11.05.1994.  
 Reducing the specific consumption in the production of spirits from corn by use of enzymes  
 Beneficiary: S.C.INDAGRARA S.A. Arad,  
 Member of research team

**Personal skills and competences**

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 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

Organisational Skills - Organizational skills with experience in students coordinating, examinations, and scientific events

Computer use skills and competences - Training course in computer science - PC Operator  
 - Text and graphics editing: Microsoft Office, Corel Draw, Paint, Window Chem, Adobe Photoshop  
 - Mail  
 - Documentation.

Driving license - B Category - since 1994

**Annex** List of Publications, Scientific Communications

Arad,  
 January 14, 2019

As. dr. ing. Tolan Iolanda