



## Curriculum vitae Europass

### PERSONAL INFORMATION

**Name** MIRCEA Maria-Luiza  
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**E-mail** maria-luiza.mircea@usamv.ro  
**Nationality** Romanian  
**Date of birth** 04.09.1973  
**Sex** Female

### WORK EXPERIENCE

Period	January 2023 – prezent
Position or occupied job	<b>University lecturer</b>
Main Activities and Responsibilities	Research and teaching activities: Physical and Colloidal Chemistry, Inorganic and Organic Chemistry, Biochemical processes affecting food quality, Modern methods and techniques of analytical chemistry used in the control and expertise of agro-food products
Name and address of the employer	University of Agronomic Sciences and Veterinary Medicine, Bucharest
Type of activity or sector of activity	- teaching and training students within the education and teaching process of the Animal Science Faculty of Animal Productions Engineering and Management, BS and MS programmes: “Control and expertise of food products”, “Consumer and environment protection”, “Gastronomic sciences”, “Agro-food products expertise”.
Period	May 2020 – August 2021
Position or occupied job	<b>Research assistant</b>
Main Activities and Responsibilities	- research-development activity within the framework of type D research contracts on the themes of the recovery of heavy and rare metals with the potential for valorization from mine waters, the processing and interpretation of the results obtained; - solving the research themes for which he is responsible, according to the contracting and reporting documentation, responsibility for completion and obtaining the results, in accordance with the risk factors provided for in the theme.
Name and address of the employer	University “Politehnica” Bucharest – Research Center for Environmental Protection and Ecological Technologies (UPB-CPMTE)
Type of activity or sector of activity	Consultancy/assistance and collaboration in solving environmental problems
Period	August 2018 – May 2020
Position or occupied job	<b>Procurement specialist</b>
Main Activities and Responsibilities	- identify, evaluate and select potential suppliers; - responsible for the quality and quantity of purchased products; - efficient inventory management; - tracking supply orders to final receipt.
Name and address of the employer	Artemis Online
Type of activity or sector of activity	Online trading
Period	April 2008 – October 2016
Position or occupied job	<b>Research assistant</b>
Main Activities and Responsibilities	- development of analysis methods in gas and liquid chromatography; - application of chromatographic methods of analysis for pollutants in water, soil and food; - execution of tests; - sample processing.

Name and address of the employer	University "Politehnica" Bucharest – Research Center for Environmental Protection and Ecological Technologies (UPB-CPMTE)
Type of activity or sector of activity	Consultancy/assistance and collaboration in solving environmental problems
Period	June 2001- March 2008
Position or occupied job	<b>Responsible for quality assurance; Coordinator of the physical-chemical analysis laboratory</b>
Main Activities and Responsibilities	- performing physico-chemical analyzes of raw materials and bulk products; - quality control of finished products according to technical specifications; - control of products on the technological flow by survey; - elaboration of technical specifications for finished products; - performing internal audits within the organization.
Name and address of the employer	S.C. GEROCCOSEN S.R.L. – Manufacturer of cosmetic products
Type of activity or sector of activity	Industry
Period	February 1998 – June 2001
Position or occupied job	<b>Chemist</b>
Main Activities and Responsibilities	- performing physical-chemical analyzes for food products, alcoholic beverages, tobacco; - recording the results and drawing up analysis bulletins; - participation in standards development.
Name and address of the employer	National Center for Product Testing and Expertise - LAREX
Type of activity or sector of activity	Physico-chemical analysis laboratory

## EDUCATION AND TRAINING

Period	October 2021 – February 2023
Acquired degree/qualification	Master Degree Nutrition and Safety Food
Main studied subject matters/ professional skills acquired	Human nutrition, Food Control Quality, Phytotherapy and Phytonutrition, Food Chemistry, Biochemistry, Gastronomy and Gastrotechnics, Nutritional Psychology
Name and type of educational institution / training provider	University of Medicine and Pharmacy „Carol Davila” – Bucharest, Faculty of Pharmacy
Level in national and international classification	ISCED 7
Period	November 2011 – July 2016
Acquired degree/qualification	PhD Degree in Chemistry
Main studied subject matters/ professional skills acquired	Spectral Techniques, Obtaining Nanostructures by Microemulsion, Thin Film Processing, Nonlinear Optical Properties of Materials, Zeta Potential Measurement, Particle Size Determination
Name and type of educational institution / training provider	University „Politehnica” – Bucharest, Faculty of Applied Chemistry and Materials Science
Level in national and international classification	ISCED 8
Period	October 2008 – February 2010
Acquired degree/qualification	Master Degree Thermodynamics and Applied Electrochemistry
Main studied subject matters/ professional skills acquired	Corrosion Science and Engineering, Theoretical Electrochemistry
Name and type of educational institution / training provider	University „Politehnica” – Bucharest, Faculty of Applied Chemistry and Materials Science
Level in national and international classification	ISCED 7

Period	October 1993 – June 1997																																								
Acquired degree/qualification	Chemist / Bachelor's degree in Chemistry Specialization: Organic Chemistry with full teaching in French																																								
Main studied subject matters/ professional skills acquired	Organic Chemistry, Analytical Chemistry, Physical Chemistry, Metals and non-metals Chemistry, Complex Combinations Chemistry, Colloidal chemistry																																								
Name and type of educational inst itution / training provider	University of Bucharest – Faculty of Chemistry																																								
Level in national and international classification	ISCED 6																																								
<b>PERSONAL SKILLS AND COMPETENCES</b>																																									
Native language	Romanian																																								
Known foreign language(s)																																									
Selfevaluation																																									
<i>European Framework(*)</i>																																									
<b>English</b>																																									
<b>French</b>																																									
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	<i>(*) Common Reference European Framework for Foreign Languages</i>																																								
<b>Social skills and competences</b>	Communication skills and team spirit; Ability to assimilate new knowledge; Ability to evaluate and synthesize information; Pedagogical skills. These skills were acquired both in a professional context and as a result of participation in research teams/implementation of numerous research projects.																																								
<b>Organisational skills and competences</b>	Analytical thinking; Effective time management.																																								
<b>Skills and technical competences</b>	Knowledge and use of physico-chemical methods of analysis of agro-food and cosmetic products; Use of laboratory instrumentation in analytical control laboratories.																																								
<b>Computer skills and abilities</b>	Microsoft Word Microsoft Excel Microsoft PowerPoint																																								
<b>Driving licence(s)</b>	Category B, since 1997																																								
<b>Additional information</b>	<p><b>- Participation in international workshops:</b></p> <ul style="list-style-type: none"> <li>Maria-Luiza Mircea, Grațela Tihan, Mihaela Mîndroiu, Roxana Zgărian, Ileana Rău, <i>DNA based materials with electrochromic properties</i>, Fourth International Workshop on Advanced Nano- and Biomaterials and Their Device Applications (NABM), Iași, Romania, 17-21 september 2014;</li> <li>Maria-Luiza Mircea, Magdalena Mititelu, <i>Thermal stability analysis of different food fats</i>, International Conference "Agriculture for Life, Life for Agriculture", Bucharest, 8-10 june 2023</li> <li>Maria-Luiza Mircea, Daniela-Mihaela Grigore, Ștefania Coman, Elena Narcisa Pogurschi, <i>Preliminary study regarding the biologic activity of spices</i>, International Conference "Agriculture for Life, Life for Agriculture", Bucharest, 6-8 june 2024</li> </ul> <p><b>- Participation in training courses:</b></p> <p>2023 - "The practical interactive training course in the field of teacher-student communication and its feedback evaluation", Proiect CNFIS 2023-0508 "Modern educational techniques, communication and digitization to optimize the quality of the didactic process respecting deontology and academic ethics".</p> <p><b>- Coordination of two teams participating in the "Student Scientific Symposium" - 2024</b></p> <p><b>- Member of the Association of Food Industry Specialists from Romania - ASIAR</b></p>																																								

<b>Annexes</b>	Doctoral thesis;
<b>Representative scientific papers and research contracts</b>	Books and chapters from published books: - ISI Thomson Reuters indexed works and ISI proceedings indexed volumes: 6 Contract research / development / innovation projects as a member: 11

August 2024

