



## **Curriculum vitae Europass**

### **Personal Information**

**Name** Coroian (n. Pece) Aurelia

**Qualification in the field:** Animal husbandry

**Area of expertise:** Quality of plant and animal products

### **Professional experience**

**Period** 2022-present

**Position** Professor, PhD at disciplines: Testing the authenticity of products; Toxicology; Food safety and security, HACCP analysis

**Position** Associate professor at disciplines: Testing the authenticity of products; Toxicology; Food safety and security, HACCP analysis

**Period** 2019-2022

**Main activities and responsibilities** Education and research activity

**Name and address of employer** University of Agricultural Sciences and Veterinary Medicine Cluj  
Napoca, Faculty of Animal Science and Biotechnology, Mănăştur, 3-5,  
Cluj Napoca, Romania

**Period** 2013 - 2019

**Position** University lecturer at disciplines: Testing the authenticity of products; Toxicology; Agri-Food Legislation, Food Safety and Security, HACCP Analysis

Main activities and responsibilities Education and research activity

Period **2010-2013**

Position Research Project Director, TE 108/2010 and Associate Teacher

Main activities and responsibilities Research, implementation of research project, conference participation  
Course teaching activities and practical work

Name and address of employer University of Agricultural Sciences and Veterinary Medicine Cluj  
Napoca, Faculty of Animal Science and Biotechnology, Mănăştur, 3-5,  
Cluj Napoca, Romania

Period **2009-2010**

Position Assistant Advisor - Agriculture Payments and Intervention Agency  
(APIA)

Main activities and responsibilities Verification of farmers' requests; field inspections; field checks in the  
field of plant and animal

Name and address of employer Agriculture Payments and Intervention Agency (APIA), Labour, No. 18,  
Administrative Pavilion, and. 1, code 400641, Cluj-Napoca

Activity type and sector Public sector

Period **2008-2010**

Position University assistant - associate teacher

Main activities and responsibilities Teaching practical works - discipline, Animal physiology

Name and address of employer University of Agricultural Sciences and Veterinary Medicine Cluj  
Napoca, Faculty of Animal Science and Biotechnology, Mănăştur, 3-5,  
Cluj Napoca, Romania

Activity type and sector Superior education, Research

Period **2005-2008**  
**2007-2008**

Position PhD student with frequency  
Research Project Director, TD 388/2007

Main activities and responsibilities Research and teaching activities; participation conferences and symposiums, teaching practical works

Name and address of employer University of Agricultural Sciences and Veterinary Medicine Cluj Napoca, Faculty of Animal Science and Biotechnology, Mănăştur, 3-5, Cluj Napoca, Romania

Activity type and sector Superior education, Research

Period **2003-2005**

Position Technological engineer in the food industry

Main activities and responsibilities Technological flow surveillance and laboratory analysis within the concentrated apple juice factory; export management;

Name and address of employer SC COMMER SA, Street, Mihai Viteazul, 101, Zalău, Sălaj

Activity type and sector Sector of activity - private

### **Education and training**

Period **2021**

Qualification/  
diploma obtained Certificate of Habilitation

Period **2005-2008**

Qualification/Diploma obtained Doctor

Main fields studied/Acquired skills Quality of milk intended for industrial processing

Name and type of institution/  
training provider University of Agricultural Sciences and Veterinary Medicine Cluj Napoca, Faculty of Animal Science and Biotechnology, Mănăştur, 3-5, Cluj Napoca, Romania

Period **2003-2005** (February)

Qualification/diploma obtained Master's degree - Food quality management

Main disciplines studied/  
professional skills acquired Quality assurance in the agri-food chain, Agri-food legislation, food quality and quality control

Name and type of institution/  
training provider University of Agricultural Sciences and Veterinary Medicine Cluj Napoca, Faculty of Agriculture, Food quality management, Mănăştur, 3-5, Cluj Napoca, Romania

Period	<b>1998-2003</b>
Qualification/Diploma obtained	Engineering degree
Main disciplines studied/ professional skills acquired	Food Chemistry, Food Biochemistry, Food Safety and Safety, Food Industry Legislation, Food Additives, Product Quality Control
Name and type of institution/ training provider	University of Agricultural Sciences and Veterinary Medicine Cluj Napoca, Faculty of Agriculture, profile - Food technology; specialization - Technology of processing agricultural products, Mănăştur, 3-5, Cluj Napoca, Romania

Period	<b>1994-1998</b>
Qualification/diploma obtained	Baccalaureate degree
Name and type of institution/ training provider	Liceul Alesandru Papiu Ilarian, Zalău, Sălaj

### **Research activity**

### **Research projects**

1. Research project, program: PN-II-RU-TE-2009. Project title: Preserving the biodiversity of the Romanian buffalo in the complexity of the Transylvanian ecosystem through various modern techniques in order to improve the quality of milk and dairy products, CNCISIS code 258/2010, no. financing contract 108/30.07.2010, amount:750000 RON, period: 2010-2013 - Project Director.
2. Research project, program: PN-II-RU-TD-2007. Title of the project: Research on the growth of bubalines for milk production and the influence of various factors on milk quality as raw material for industrial processing, CNCISIS code 250/2007, no. contract financing:579/01.10.2007, amount: 28000 lei, period: 2007-2008 - Project Director.
3. Research and consulting project. Project title: Study of asin breeds (Equus Asinus) and evaluation of production performance, USAMV Cluj, no. 1243/2015, Beneficiary SC Farm Ecolact SRL, sum: 50000 lei, period:2015-2017.
4. Research and consultancy project. Project title: Conducting tests for the purpose of obtaining food supplements from snails, acorn and jir, for the species of suin compared to traditional feed, USAMV Cluj-Napoca, nr. 17848/2016, Beneficiary: SC Dotto VET SRL, amount: 57600 lei, period:2016-2019.
5. Research and consultancy project: Creating a consultancy centre to advise beneficiaries to achieve fish health and safety standards in the North-West region of Romania. MySmis Code 129571, No. 303 of 10.09.2019, Operational Plan for Fisheries and Maritime Affairs, 2019, Member.

6. Research and consultancy project: Fundamental research and consultancy for the sustainable development of the Valley of Someș Hot. Beneficiary: SC Transilvania Amadou SRL, nr. 11741/12.06.2018. Contract conducted by USAMV Cluj-Napoca. Amount: 48000 lei. Period: 2018-2019, Member.
7. Research and consultancy project: Analysis of microbiological contamination on the technological flow of milk production of raw material from milking to retail marketing in dispensers. Beneficiary: S.C. Farma Ecolact SRL, nr. 1756/12/02.2015. Contract conducted by USAMV Cluj-Napoca. Amount: 50000 lei. Period:2015-2018, Member.
8. Research and consultancy project: Study on the nutritional potential of *Tenebrio molitor* larvae, with a view to use as a live feed in intensive fish farming. Beneficiary: SC Halieutica SRL. No 16245/2014. Contract conducted through USAMV Cluj-Napoca. Amount: 46000 lei. Period:2014-2018, Member.
9. Research and consulting project: Study of the ichthiofauna in the Ruscova River, jud. Maramures, with a view to the development of low-power hydraulic power plants. Beneficiary, SC Pronto Satellite SRL, nr. 5755/25.05.2013, Contract conducted by USAMV Cluj-Napoca. Amount: 49155 lei. Period:2013-2014, Member.
10. Research and consulting project: The use of the *Lactarius pipieratus* sponge in the diet of young taurine subjected to fattening in order to improve digestibility. Beneficiary: SC Dotto VET, nr. 21270/17.12.2018. Contract conducted through USAMV Cluj-Napoca. Amount: 50000 lei. Period: 2014-2018, Member.
11. PN-II-Partnerships, From DNA to Cheese, Impact Study: Polymorphism of Genetic Markers Casein- $\alpha$ S1 to the Carpathian Goat Breed on Milk Quality and Cheese Yield and Sensory Properties. Beneficiary: USAMV Cluj-Napoca. Period:2008-2011, Member.

#### Award-winning scientific articles

1. Zamfir Marchiș, Antonia Odagiu, **Aurelia Coroian**, Ioan Oroian, Manuela Mîrza, Petru Burduhos, 2018, Analysis of Environmental Factors' Impact on Donkeys' Colostrum Quality, Sustainability 2018, 10, 2958.  
PN III-P1.1. PRECISI-2018-29361. doi:10.3390/su10092958.
2. **Aurelia Coroian**, Silvio Erler, Cristian T Matea, Vioara Mireșan, Camelia Răducu, Constantin Bele, Cristian O. Coroian, Seasonal changes of buffalo colostrum: physicochemical parameters, fatty acids and cholesterol variation, Chemistry Central Journal, 2013, 7:40, 1-9. PN II- RU- PRECISI, 2013, doi:10.1186/1752-153x-7-40, Chem. Cent. J., Science - Chemistry Multidisciplinary.

### **Member of professional societies**

Membership in scientific societies, member in the board of scientific societies, member in the board of scientific publications

- Member of the international organisation Central European Group for Separation Sciences (CEGSS)
- Member of the European Society for Separation Science (EuSSS)
- Member - ABAH, Animal Biology & Animal Husbandry - International Journal of the Bioflux Society
- Member - Porcine Research
- Member - Romanian Chemical Society
- Member - Society of Pure and Applied Biophysics
- Member - Transylvanian Breeders' Association
- Member - Association of Soot Breeders of Cluj
- Member - Association of Donkey Breeders of Transylvania

### **Other activities**

- Deputy Director – Department I, Fundamental Sciences, Faculty of Animal Science and Biotechnology, 2019-present.
- Dean of the Year, Specialization – Pisciculture, Faculty of Animal Science and Biotechnology, University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca, 2016-2020.
- Admission secretary - University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca, 2019.
- Admission secretary - Faculty of Animal Science and Biotechnology, University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca, 2018.
- Organization of the scientific symposium "The 18th International Conference Life Sciences for Sustainable Development" 26-28 September, 2019.
- Member of the admissions committee at the Animal Sciences and Biotechnologies, 2017;

### **Reviewer**

- reviewer at Bulletin UASVM, Animal Sciences and Biotechnologies (BDI magazine)
- reviewer at Bulletin UASVM, Veterinary Medicine
- Reviewer at ABAH, Bioflux
- Reviewer at Porcine research
- Reviewer at the Banats Journal of Biotechnology

### **Courses and specializations**

- Mobility under the programme - POCU entitled "Competitive education and training in the labour market" – EduForm – code

MySmis 121643. Università degli Studi di Napoli Federico II, Italy, 2019.

- Training course "E-Learning and Blended-learning", 2019.
- Training course "Modern teaching techniques", 2019.
- Trainer course, graduation certificate issued by the Ministry of Education, 2013.
- Project manager course, certificate issued by CNFPA, 2011.
- Participation as a reviewer from USAMV in courses organized within

- the MADR project, BIRD 4758- RO, (www.globaldistribution.ro), 2009.  
 Postgraduate course - Makis - Modernizing Agricultural Knowledge and Information System, 2009.  
 Implista Course, Understanding International Standards of Quality and Food Safety, USAMV Cluj-Napoca, 2008.  
 Pedagogy course, Department for Training of Didactic Staff, USAMV, Cluj-Napoca, 2005.

Foreign languages

Self-evaluation  
 European level (\*)

German  
 English

Comprehension				Speaking				Writing	
Listening skills		Reading skills		Interaction		Expression		Written expression	
A2	Elementary user	A2	Elementary user	A2	Elementary user	A2	Elementary user	A2	Elementary user
B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user

(\*) The European Language Framework

Social skills and competences    Team spirit, good communication ability, perseverent, creativ

Computer skills and knowledge    Word, Excel, Power Point, Access, Corel, Origin, Prism, Flash, End-Note, Medline/PubMed, CAB, FSTA, NCBI-Blast, Swiss-prot, Web of Science, Current Contents Connect

Artistic skills and abilities        Photograph

Driving license                        Category B

08.02.2024

Prof. PhD Aurelia Coroian