



Emilia TRIF



● PROFESSIONAL EXPERIENCE

01/10/2021 - CURRENT- Cluj Napoca, România

ASSOCIATE TEACHING ASSISTANT – Department of Infectious Diseases and Preventive Medicine

- teaching activities with fourth, fifth and sixth-year students from both the Romanian and French lines.
- assisting in developing lesson plans
- recording and reporting the progress of the students in the learning proces
- preparing for and assisting with the final evaluation of the students.

01/10/2020 - 13/07/2023 - Cluj Napoca, România

PhD student – Department of Infectious Diseases and Preventive Medicine

- active contribution in the research activity of the infectious diseases department
- active contribution in the clinical cases treated in the infectious diseases clinic
- processing laboratory tests
- PhD thesis defended „POLYMERIC NANOPARTICLES LOADED WITH ANTIBIOTICS IN ORDER TO COMBAT THE PHENOMENON OF ANTIBIOTIC RESISTANCE IN VETERINARY MEDICINE” in 13 july 2023

01/06/2021 - 01/06/2022 - Cluj Napoca, România

INTERN – Veterinary emergency hospital and critical care

- evaluate and manage both medical (with acute or chronic conditions) and trauma patients
- provide emergency care for critical patients
- work as an emergency and critical care veterinarian at an overnight and weekend emergency hospital
- laboratory testing to confirm the presumptive diagnosis

01/07/2017 - 01/10/2017 -Calvaria Veterinary Clinic

Student in practice– Cluj Napoca

- monitoring vital functions
- administration of treatments and postoperative critical care and monitoring
- application of local treatments and bandages

01/07/2014 - 01/10/2018 - Emergency hospital

Student in practice- UASVM Cluj Napoca

- asisting the veterinarian in order to establish the diagnosis and the treatment
- pre-op and post-op patient care, treatment and monitoring

● EDUCATION AND TRAINING

01/10/2020 -01/06/2021 - Calea Manastur nr, 93, Cluj Napoca, România

PSYCHOPEDAGOGICAL TRAINING-module 1 and 2 – Departamentul pentru Pregatirea Personalului Didactic

2014 - 2020 - Calea Manastur 3-5, Cluj Napoca, România

DOCTOR OF VETERINARY MEDICINE – Faculty of Veterinary Medicine.

15/09/2022- 17/09/2022- Ghent, Belgium

EVEEC- „European Veterinary Emergency and Critical Care” Congress- Participant

27/10/2022- Cluj Napoca, România

Seminar „Fit for Purpose- Merck Life Science solutions for all your needs”- Participant

2019 - 2020

ENTREPRENEURS COURSE – Proiect " CEO Antreprenor- Competivitate, Excelenta, Oportunitate !"

2018 - Sinaia
PARTICIPANT INTERNATIONAL CONGRES AMVAC – AMVAC

2017
PARTICIPANT SEMINAR "URGENTE STOMATOLOGICE VETERINARE" – Junior VET

2013 - 2014
DIGITAL SKILLS COURSE – ECDL-European Computer Driving Licence (<https://ecd1.ro/>)

2010 - 2014 - Strada Sucevei nr 105, Fălticeni, România
HIGH SCHOOL GRADUATION– Colegiul Național "Nicu Gane"

-intensive computer science
-certificate of professional skills- computer skills
-3rd prize obtained at the "Magda Petrovanu" National Chemistry Competition

● DIGITAL SKILLS

Good use of communication programs (mail, messenger, skype), Microsoft Office -intermediate level user

● LANGUAGE SKILLS

Native language: roumanian

Other languages:

	COMPREHENSION		SPEAKING		WRITING
	Comprehensiune orală	Citit	Exprimare scrisă	Conversație	
ENGLISH	B2	B2	B2	B2	B2
FRENCH	B2	B2	B2	B2	B2
SPANISH	A2	A2	A2	A2	A2

Levels: A1 și A2 basic user B1 și B2 independent user C1 și C2 experimented user.

● DRIVING LICENCE- AM, B,B1;

● ORGANIZATIONAL SKILLS

-good managerial skills acquired in the entrepreneurial education course „CEO Entrepreneur”
-organizational skills acquired as a result of team work

● COMMUNICATION AND INTERPERSONAL SKILLS

-good communication skills, interaction with people of different nationalities and adaptability, acquired from my experience as a participant in the Work and Travel program (USA), for 2 years;
-the ability to give and receive feedback;
-the ability to work both individually and in a team;

● WORK- RELATED SKILLS

-a good knowledge of the news in the veterinary medical field, acquired as a result of the participation, during my study years, in congresses such as EVEEC, AMVAC, RoVECCS and Junior Vet seminars.
-a good knowledge of the news in the veterinary pharmaceutical field, as a result of the regular participation in the Royal Canin presentations, organized within the faculty.
-creativity and continuous desire for improvement, acquired during the summer practice hours, carried out at various veterinary offices and at the emergency veterinary service.

RESEARCH PROJECTS

- Project member: Horizon nr. 883484/2020 titled: Pathogen Contamination Emergency Response Technologies - PathoCERT"
- Project member COST Project- COST Action CA 21132; ESFLU member.
- Project member: LIVET- *ERASMUS-EDU-2022-PI-ALL-INNO*
- Short term transnational mobility activities through Project FLOW „Continuous Flow Interchange of Communication and Knowledge in Biomedical University Research', EEA Grants 2014-2021.
-University of Reykjavik (28.11-02.12.2022)
-University of Oslo (30.03-01.04. 2023)

COMMUNICATION/ SCIENTIFIC PAPERS PRESENTED AT INTERNATIONAL CONFERENCES AS FIRST AUTHOR AND CO-AUTHOR.

- The Seventh International Mediterranean Symposium on Medicinal and Aromatic Plants November 18-20, 2021 / İzmir - TURKEY
- „Differences in adjuvant activity of an oily *Hippophae Rhamnoides* extract in aves and mammalia"- co-author.
- „Is in vitro plant extracts activity conditioned by phylogenetic differences between target species?"- co-author.
- The 20th International Conference- Life Sciences for Sustainable Development - 23rd-24th September 2021- Cluj Napoca;
„Antibiotic-loaded polymeric nanoparticles as tools against antibiotic resistance: a meta-analysis"- first author.
- IGA 13th International Conference on Goats.
- „Concept of testing pooled equal-volume milk sample to determine the herd-level prevalence of CAE infection in dairy goat herds, 2022" -co-author.
- „Angora goats acclimatization to new habitats: is it a long lasting immunological concern?"- co-author.
- „Plant extracts interaction with environmental factors in influencing immune status in goats"- co-author.
- 18th Symposium- Health care selection and reproduction of pigs: Serbia, Srebrno Jezero, 2021.
- „African swine fever spreading like wildfire in Romania: short epidemiological review"- co-author.
- Eleventh Anniversary Edition of the International Conference "Agriculture for Life, Life for Agriculture", 02-04 June, Bucuresti, Romania;
- „Could vegetal extracts enhance the cell-mediated immunity and alleviate vaccination stress in dairy cattle?"- co-author.
- „Retrospective study on antibiotic resistance of microorganisms isolated from clinical cases" -co-author.
- „Serological survey of small ruminant lentivirus infection in a goat herd from Transylvania, Romania"- co-author.
- „Evaluation of bacterial involvement in an episode of neonatal calf diarrhea"- co-author.
- „Into the microbial life of the caves. Pathogens awaiting in the underground"- co-author.
- „Ethio-epidemiological analysis of an abortigenic outbreak of salmonellosis in sheep"- co-author.
- „Nanotechnology versus overdosing antimicrobial substances"- first-author
- XXI Middle European Buiatrics Congress / ECSRH Annual Conference, 19-22.05.2022, Stare Jablonki, Poland.
„Seroprevalence of SRLV infection in romanian dairy goat herds based on bulk-tank milk testing"- co-author.
- The 21th International Conference- Life Sciences for Sustainable Development- 16th-18th September 2022- Cluj Napoca.
- „Florfenicol use in veterinary medicine: a meta-analysis: is there any way we can improve it?"-first author.
- „White-nose syndrome: a threat to bats and the carstic environment. A review"-co-author.
- „The veterinary management on cattle farms"- co-author.
- „Free range versus tie-stall system influences the specific cell-mediated post vaccination response in cows"- co-author.
- „Antimicrobial susceptibility of bacteria isolated from sheep necrobacillar pododermatitis" -co-author.
- The Eighth International Mediterranean Symposium on Medicinal and Aromatic Plants, Izmir, Turkey, 20-22 October, 2022-
„The Potential of Alcoholic Plant Extracts to Control Pathobionts of Swine on A Low-Input Farm"- co-author.
- XXII Middle European Buiatrics Congress- Stara Zagora, Bulgaria, 31 may-03 june 2023
- „Prevalence of pathogens and antimicrobial sensitivity in clinical mastitis of dairy cows in Transylvania, Romania."- co-author

SCIENTIFIC PAPERS PUBLISHED IN EXTENSO

1. Delivery of florfenicol in veterinary medicine through a PLGA-based nanodelivery system: improving its performance and overcoming some of its limitations- *Veterinary Research Communications*, Emilia TRIF, Constantin CERBU, Carlos E. ASTETE, Sumit LIBI, Eموke PALL, Septimiu TRIPON, Diana OLAH, Adrian Valentin POTARNICHE, Lucjan Witkowski, Gheorghe Florinel BRUDASCA, Marina SPINU, Cristina M. SABLIOV. <https://doi.org/10.1007/s11259-023-10205-y>.
2. Old antibiotics can learn new ways: a meta-analysis of florfenicol use in veterinary medicine and future perspectives through the use of nanotechnology- *Animals*, 2023, volume 13, issue 10, 1695. Emilia TRIF, Constantin CERBU, Diana OLAH, Sergiu Dan ZĂBLĂU, Marina SPÎNU, Adrian Valentin POTĂRNICHE,

Emoke PALL, Florinel BRUDAȘCĂ.

3. **Serological testing of an equal-volume milk sample - a new method to estimate the seroprevalence of small ruminant lentivirus infection?** -*BMC Veterinary Research*, 19(1), 43- Adrian-Valentin POTĂRNICHE, Michal CZOPOWICZ, Olga SZALUS-JORDANOW, Agata MOROZ-FIK, Marcin MICKIEWICZ, Kinga BIERNACKA, Lucjan WITKOWSKI, Iwona MARKOWSKA-DANIEL, Emilia BAGNICKA, Constantin CERBU, Diana OLAH, Emilia TRIF, Marina SPINU, Jaroslaw KABA.
4. **In vitro and in vivo study of combined effect of some algerian medicinal plants and probiotics against *Helicobacter pylori*** -*Microorganisms* 2023, Volume 11, Issue 5, 1242; Bouhenni Hasna; Hemida Houari; Doukani Koula; Spinu Marina; Ungureanu Emilia; Boumezzrag Assia
5. **Evaluation of bacterial involvement in an episode of neonatal calf diarrhea**- *AgroLife Scientific Journal* - Volume 11, Number 2, 2022 ISSN 2285-5718; ISSN CD-ROM 2285-5726; ISSN ONLINE 2286-0126; ISSN-L 2285-5718- authored by Aurel VASIU, Emoke PALL, Marina SPINU, Sergiu Dan Zablaeu, Emilia UNGUREANU, Monica Ioana SUĂTEAN, Gheorghe Florin BRUDASCĂ, Diana Ioana OLAH;
6. **Could vegetal extracts enhance the cell-mediated immunity and alleviate vaccination stress in dairy cattle?**- *AgroLife Scientific Journal* - Volume 11, Number 2, 2022 ISSN 2285-5718; ISSN CD-ROM 2285-5726; ISSN ONLINE 2286-0126; ISSN-L 2285-5718- authored by Paul-Adrian BOR, Gheorghita DUCA, Carmen Dana SANDRU, Diana OLAH, Marina SPINU, Emoke PALL, Constantin CERBU, Emilia UNGUREANU, Adrian POTARNICHE, Aurel VASIU;
7. **Nanotechnology versus overdosing antimicrobial substances**- *Scientific Works, Series C. Veterinary Medicine volume LXVIII* (1), 139-142- authored by Emilia UNGUREANU, Sergiu Dan ZĂBLĂU, Marina SPÎNU, Diana Ioana OLAH, Adrian Valentin POTĂRNICHE, Monica Ioana SUĂTEAN, Florina MARIAN, Gheorghe Florinel BRUDAȘCĂ
8. **Comparative evaluation of florfenicol and polymeric nanoparticles loaded with florfenicol against bacterial strains isolated from chickens**- *Cluj Veterinary Journal*, authored by Emilia TRIF, Constantin CERBU, Marina SPINU, Diana Ioana OLAH, Adrian Valentin POTĂRNICHE, Sergiu Dan ZĂBLĂU, Florina MARIAN, George HERTĂNU, Emoke PALL, Gheorghe Florinel BRUDAȘCĂ.
9. **Ethio-epidemiological analysis of an abortigenic outbreak of salmonellosis in sheep**- *Scientific Works, Series C. Veterinary Medicine volume LXVIII* (1), 114-119- authored by Emoke PALL, Diana OLAH, Adela CHIRA, Gheorghita DUCA, Marina SPÎNU, Carmen Dana ȘANDRU, Mihai CENARIU, Emilia UNGUREANU, Aurel VASIU.
10. **Into the microbial life of the caves; Pathogens awaiting in the underground**- *Scientific Works, Series C. Veterinary Medicine volume LXVIII* (1), 148-151- authored by Sergiu Dan ZĂBLĂU, Diana OLAH, Emoke PALL, Florina MARIAN, Emilia UNGUREANU, Aurel VASIU, Marina SPÎNU.
11. **Host and plant taxonomy as influential factors in controlling in vitro specific cell-mediated response in herbivores**- *Curr. Pers. MAPs, (2023); 6(2); 78-83*; Aurel VASIU, Carmen Dana ȘANDRU, Emoke PALL, Emilia TRIF, Florina MARIAN, Silvana POPESCU, Alexandra OPRESCU, Ciprian ILAȘCĂ.
12. **Environmental pollution degree changes the biological activity of nettle plant extracts in chickens**. *Curr. Pers. MAPs, (2023); 6(2), 84-89*. Aurel VASIU, Carmen Dana ȘANDRU, Emoke PALL, Emilia TRIF, Florina MARIAN, Silvana POPESCU, Alexandra OPRESCU, Ciprian ILAȘCĂ

● MEMBER OF NATIONAL AND INTERNATIONAL SCIENTIFIC PAPERS AND PROFESSIONAL SOCIETIES

Member of „Asociation pour l'Etude de l'Epidemiologie des Maladies Animales”- from 2020- current.

Member of „Colegiul Medicilor Veterinari din Romania- Filiala Cluj Napoca”- from 2020- current.

08.01.2024
TRIF EMILIA
