



Sebastian Alexandru POPA

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Address: Calea Aradului, Nr. 119, 300645, Timișoara, Romania (Work)

WORK EXPERIENCE

UNIVERSITY OF LIFE SCIENCES "KING MIHAI I" FROM TIMIȘOARA – ROMANIA

Address Timișoara, Calea Aradului, No. 119, Romania

ASSISTANT PROFESSOR – 03/10/2022 – CURRENT

Teaching activity involving the delivery of laboratory classes in the field of Veterinary Medicine and Public Health, specifically within the discipline of Veterinary Sanitary Control, for 5th and 6th year students in the Veterinary Medicine program, as follows:

- Food Hygiene and Technology I
- Food Hygiene and Technology II
- Inspection and Control of Food Products of Animal Origin II
- Veterinary Medicine and Public Health

UNIVERSITY OF LIFE SCIENCES "KING MIHAI I" FROM TIMIȘOARA – TIMIȘOARA, ROMANIA

PH.D. STUDENT – 01/10/2021 – 30/09/2025

Research activity carried out within the field of Veterinary Medicine and Public Health, with a focus on the study of public health pathogens, antimicrobial resistance, food safety, and food security, in the context of the One Health approach.

The activity includes participation in experimental design, laboratory investigations, data analysis, and interdisciplinary collaboration.

The Ph.D. thesis, titled "*Campylobacter spp. in the Food Chain: Prevalence, Antimicrobial Resistance, and Public Health Risks in Animal Reservoirs and Poultry Meat in Romania – A One Health Perspective*", is currently published on the National Public Consultation Platform for Doctoral Theses, in accordance with academic procedures. Doctoral studies have been completed, and the public defense is pending.

HUNEDOARA MUNICIPAL COUNCIL – HUNEDOARA, ROMANIA

CITY COUNCILLOR – 2020 – 2024

Activity carried out within the Commission for Scientific Activities, Education, Culture, Social Protection, Sports, and Leisure.

Responsibilities included the review, analysis, and endorsement of draft resolutions proposed to the Local Council.

Active participation in Local Council meetings and in the specialty commissions of both the Local Council and the Municipality of Hunedoara.

Direct involvement in engaging with citizens to identify and address community issues.

Ongoing communication with residents to inform them about local decisions and development projects.

Promotion of transparency and dialogue between the local administration and civil society.

Participation in national and international events and initiatives aimed at promoting the image, interests, and development opportunities of the Municipality of Hunedoara.

– ROMANIA

DOCTOR OF VETERINARY MEDICINE (DVM) – 2021 – CURRENT

SMITHFIELD FERME S.R.L – TIMIȘOARA, ROMANIA

INTERNSHIP – 08/2017 – 09/2017

S.C. EDC S.R.L – TIMIȘOARA, ROMANIA

SALES REPRESENTATIVE – 2015 – 2021

Identification of new collaboration opportunities among local entrepreneurs and businesses.

Establishment, development, and maintenance of long-term partnership relationships with the business sector. Participation in networking events, trade fairs, and business meetings to promote the company's products and services.

Monitoring business client satisfaction and providing proactive solutions to ensure loyalty and retention.

● EDUCATION AND TRAINING

2015 – 2021 Timișoara, Romania

INTEGRATED BACHELOR'S AND MASTER'S DEGREE – DOCTOR OF VETERINARY MEDICINE (DVM) Banat's University of Agricultural Sciences and Veterinary Medicine "King Mihai I of Romania"

Address Calea Aradului, No. 119, 300645, Timișoara, Romania | **Website** <https://www.usab-tm.ro/>

Timișoara, Romania

CERTIFICATE – PSYCHOPEDAGOGICAL TRAINING PROGRAM, LEVEL I Banat's University of Agricultural Sciences and Veterinary Medicine "King Mihai I of Romania"

Address Calea Aradului, Nr. 119, 300645, Timișoara, Romania | **Website** <https://www.usab-tm.ro/ro/facultate/dppd>

CERTIFICATE – PSYCHOPEDAGOGICAL TRAINING PROGRAM, LEVEL II Banat's University of Agricultural Sciences and Veterinary Medicine "King Mihai I of Romania"

Website <https://www.usab-tm.ro/ro/facultate/dppd>

2011 – 2015 Hunedoara, Romania

BACCALAUREATE DIPLOMA "Iancu de Hunedoara" National College

Website <https://www.iancuhd.ro>

● LANGUAGE SKILLS

Mother tongue(s): **ROMANIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● SKILLS

Microsoft Word, Excel, Power Point; Outlook Express | Scientific Article Writing | Social Media | Data Management and Data Analysis | Survey Tools

● DRIVING LICENCE

Driving Licence: B

● INTERPERSONAL, SOCIAL, AND TECHNICAL SKILLS

Communication Skills

Excellent communication skills developed through ongoing social and political engagement since 2015.

Proven ability to actively listen, engage in dialogue, and ask relevant questions; strong persuasive skills, adaptability, and presence of mind in various situations.

Skilled in drafting and delivering public speeches on a wide range of topics of public interest.

Social Skills and Abilities

Strong communication skills and a collaborative team spirit, with the ability to contribute effectively in multidisciplinary and multicultural environments. These abilities have been further developed through active participation in volunteer initiatives, including the distribution of food and care packages in disadvantaged areas from Romania. Experienced in working with diverse groups and contributing to social support efforts aimed at improving community well-being.

Organizational and Coordination Skills

Coordination and strategic planning skills, with the ability to develop medium- and long-term action strategies aimed at achieving defined objectives. These competencies were gained through leadership positions held within organizational structures in the social and political spheres at the local, county, and national levels.

ADVANCED TRAINING AND PROFESSIONAL DEVELOPMENT

10/2021

Advanced Training Internship at the Official Laboratories of the Sanitary Veterinary and Food Safety Directorate, Satu Mare (LDSVSA)

22/02/2019 – 23/02/2019

European Congress of Veterinary Nephrology

08/2017 – 10/2017

Internship "Smithfield Ferme"

MEMBERSHIP IN SCIENTIFIC AND PROFESSIONAL ORGANIZATIONS

2021 – CURRENT

Member of the Romanian Veterinary Medical Association

2024 – CURRENT

Member of the General Association of Veterinarians of Romania (AGMVR)

SCIENTIFIC PUBLICATIONS

ARTICLES PUBLISHED IN NATIONAL AND INTERNATIONAL SCIENTIFIC JOURNALS

- 21 articles indexed in Web of Science Core Collection, with 11 as first/corresponding author
- 15 articles indexed in international scientific databases (BDI), with 7 as first/corresponding author

ISI / WEB OF SCIENCE CORE COLLECTION ARTICLES (First Author / Corresponding Author / Co-author)

Genotypic and Phenotypic Characterization of Antimicrobial Resistance and Virulence in *Campylobacter* spp. Isolated from Turkeys: Uncovering a Neglected Reservoir in the One Health Context

Sebastian Alexandru Popa, Viorel Herman, Khalid Ibrahim Sallam, Emil Tîrziu, Claudiu Andor, Adriana Morar, Mirela Imre, Alexandra Ban-Cucerzan, Răzvan-Tudor Pătrînjan, Alexandra Pocinoc, Kálmán Imre. (2025). *Antibiotics* ISSN: 2079-6382, 14(9), 935. **IF 4.9**

Public Health Risk of *Campylobacter* spp. Isolated from Slaughterhouse and Retail Poultry Meat: Prevalence and Antimicrobial Resistance Profiles

Sebastian Alexandru Popa, Viorel Herman, Alexandra Ban-Cucerzan, Mirela Imre, Emil Tîrziu, Adriana Morar, Răzvan-Tudor Pătrînjan, Kálmán Imre. (2025). *Pathogens* ISSN: 2076-0817, 14, 316. **IF 3.3**

Persistent Threats: A Comprehensive Review of Biofilm Formation, Control, and Economic Implications in Food Processing Environments

Alexandra Ban-Cucerzan, Kalman Imre, Adriana Morar, Adela Marcu, Ionela Hotea, **Sebastian-Alexandru Popa**, Răzvan-Tudor Pătrînjan, Iulia-Maria Bucur, Cristina Gaşpar, Ana-Maria Plotuna, Sergiu-Constantin Ban. (2025). *Microorganisms* ISSN: 2076-2607, 13(8), 1805. **IF 4.2**

Phenotypic and Genotypic Characterization of ESBL and AmpC β -Lactamase-Producing *E. coli* Isolates from Poultry in Northwestern Romania

Anca Rus, Iulia-Maria Bucur, Kalman Imre, Andreea Talida Tîrziu, Andrei Alexandru Ivan, Radu Valentin Gros, Alex Cristian Moza, **Sebastian Alexandru Popa**, Alexandra Ban-Cucerzan, Emil Tîrziu. (2025). *Antibiotics* ISSN: 2079-6382, 14(6), 568. **IF 4.9**

Etiology and antimicrobial resistance of subclinical mastitis pathogens *Staphylococcus aureus*, *Streptococcus* spp. and *Enterococcus* spp. in sheep milk

Ionica Iancu, Violeta Igna, **Sebastian Alexandru Popa**, Kálmán Imre, Corina Pascu, Luminița Costinar, Janos Degi, Alexandru Gligor, Vlad Iorgoni, Corina Badea, Ileana Nichita, Viorel Herman. *Veterinary Research Communications*. (2025). ISSN 0165-7380, 49:30 **IF 1.8**

Raw Sheep Milk as a Reservoir of Multidrug-Resistant *Staphylococcus aureus*: Evidence from Traditional Farming Systems in Romania

Răzvan-Dragoș Roșu, Adriana Morar, Alexandra Ban-Cucerzan, Mirela Imre, **Sebastian Alexandru Popa**, Răzvan-Tudor Pătrînjan, Alexandra Pocinoc, Kalman Imre. (2025). *Antibiotics* ISSN: 2079-6382, 14(8), 787. **IF 4.9**

Causes of Condemnations of Edible Parts of Slaughtered Pigs in Bavaria and Their Economic Implications: A Retrospective Survey (2021–2022)

Sebastian Ciui, Adriana Morar, Viorel Herman, **Sebastian Alexandru Popa**, Emil Tîrziu, Mirela Imre, Răzvan-Tudor Pătrînjan, Doru Morar, Alexandra Ban-Cucerzan, Kálmán Imre. (2025). *Vet. Sci.* ISSN 2306-7381, 12, 88. **IF 2.0**

Questionnaire-Based Survey Regarding the Rational Usage of Antimicrobial Agents in Food-Producing Animals in Romania

Ionela Popa, Kalman Imre, Adriana Morar, Alexandru Gligor, Ionica Iancu, Tiana Florea, **Sebastian Alexandru Popa**, Vlad Iorgoni, Timea, Bochis, Viorel Herman, Călin Pop, Ileana Nichita. (2025). *Vet. Sci.* ISSN 2306-7381, 12, 408. **IF 2.0**

Aerobic Uterine Pathogens in Dairy Cattle: Surveillance and Antimicrobial Resistance Profiles in Postpartum Endometritis

Ionica Iancu, **Sebastian Alexandru Popa**, Janos Degi, Alexandru Gligor, Ionela Popa, Vlad Iorgoni, Paula Nistor, Kalman Imre, Ileana Nichita, Viorel Herman. (2025). *Antibiotics* ISSN: 2079-6382, 14(7), 650. **IF 4.9**

Serological Investigations on Environmental Allergens Triggering Allergic Dermatitis in Dogs from Western Romania

Alexandra Ban-Cucerzan, Diana Obistoiu, Kalman Imre, Adriana Morar, Tiana Florea, **Sebastian Alexandru Popa**, Răzvan-Tudor Pătrînjan, Miruna Șerdean, Emil Tîrziu. (2025). *Vet. Sci.* ISSN 2306-7381, 12, 337. **IF 2.0**

First study in the frequency of isolation and phenotypic antimicrobial resistance profiles of pig and cattle origin *Campylobacter* strains in Romania

Sebastian Alexandru Popa, Adriana Morar, Alexandra Ban-Cucerzan, Emil Tîrziu, Viorel Herman, Mirela Imre, Tiana Florea, Doru Morar, Răzvan-Tudor Pătrînjan, Kálmán Imre. (2024). *Vet. Res. Commun.* 48(4):2621-2627. **IF 1.8**

Systematic Review of the Occurrence and Antimicrobial Resistance Profile of Foodborne Pathogens from Enterobacteriaceae in Wild Ungulates Within the the European Countries

Răzvan-Tudor Pătrînjan, Adriana Morar, Alexandra Ban-Cucerzan, **Sebastian Alexandru Popa**, Mirela Imre, Doru Morar, Kálmán Imre. (2024). *Pathogens*, ISSN 2076-0817, 13(12), 1046. **IF 3.3**

The Microbiological Quality of Raw Ovine Milk in the Banat Region of Romania with a Focus on *Escherichia coli* and Its Pathogenic Potential and Antimicrobial Resistance

Răzvan-Dragoș Roșu, Adriana Morar, Alexandra Ban-Cucerzan, Mirela Imre, Khalid Ibrahim Sallam, Ai-Ashmawy Maha, Samir Mohammed Abd-Elghany, **Sebastian Alexandru Popa**, Răzvan-Tudor Pătrînjan, Doru Morar, Kálmán Imre. (2024). *Vet. Sci.* ISSN 2306-7381, 13;11(11):562. **IF 2.0**

Evolution Of HPAI Avian Influenza Virus Strains In Europe Between 2005 And 2023

Ionica Iancu, Emil Tîrziu, Corina Pascu, Luminița Costinar, Jozsef Degi, Corina Badea, Andreea Gligor, Iulia Bucur, **Sebastian Alexandru Popa**, Viorel Herman. (2024). *Rev. Rom. Med. Vet.* ISSN: 1220-3173; E-ISSN: 2457-7618, 34 | 1: 138-144. **IF 0.3**

Causes of Post-Mortem Carcass and Organ Condemnations and Economic Loss Assessment in a Cattle Slaughterhouse

Sebastian Ciui, Adriana Morar, Emil Tîrziu, Viorel Herman, Alexandra Ban-Cucerzan, **Sebastian Alexandru Popa**, Doru Morar, Mirela Imre, Adrian Olariu-Jurca, Kálmán Imre. (2023). *Animals* ISSN 2076-2615, Vol. 13. **IF 2.7**

Last Decade Mini-Review of the Scientific Progresses in the Monitoring of the Occurrence and Antimicrobial Susceptibility Profile of Poultry Origin Campylobacter spp. within the European Union Countries

Sebastian Alexandru Popa, Adriana Morar, Alexandra Ban-Cucerzan, Kálmán Imre. (2022). *Rev. Rom. Med. Vet.* 32 | 1: 75-82.

Occurrence of Campylobacter spp. and phenotypic antimicrobial resistance profiles of campylobacter jejuni in slaughtered broiler chickens in North-Western Romania

Sebastian Alexandru Popa, Adriana Morar, Alexandra Ban-Cucerzan, Emil Tîrziu, Viorel Herman, Khalid Ibrahim Sallam, Doru Morar, Ulaş Acaroz, Mirela Imre, Tiana Florea, Hamid Mukhtar, Kálmán Imre. (2022). *Antibiotics* ISSN: 2079-6382, 11(12): 1713. **IF 5.22**

Occurrence, Pathogenic Potential and Antimicrobial Resistance of Escherichia coli Isolated from Raw Milk Cheese Commercialized in Banat Region, Romania

Kálmán Imre, Alexandra Ban-Cucerzan, Viorel Herman, Romeo Teodor Cristina, Khalid Ibrahim Sallam, Samir Mohammed Abd-Elghany, Doru Morar, **Sebastian Alexandru Popa**, Mirela Imre, Adriana Morar. (2022). *Antibiotics* ISSN: 2079-6382, 11(6), 721. **IF 5.22**

EDITORIAL AND REVIEWER ROLES FOR NATIONAL AND INTERNATIONAL PUBLICATIONS

EDITORIAL BOARD MEMBERSHIP OF NATIONAL AND INTERNATIONAL JOURNALS

2025

Romanian Journal of Veterinary Sciences

Assistant Editor

2023 - CURRENT

Journal of Food Protection - JFP (Elsevier) - The Official Journal of the International Association for Food Protection (IAFP)

Editorial Board Member

2025

Springer Nature

Reviewing Editor

PEER REVIEW ACTIVITY

Peer review of 80 scientific manuscripts for prestigious international journals, including *Journal of Food Protection*, *BMC Veterinary Research*, *BMC Microbiology*, *BMC Infectious Diseases*, *Antibiotics*, *BioMed Research International*, *Epidemiology and Infection*, *One Health Outlook*, *Infection and Drug Resistance*, *Scientific Reports*, among others, as part of the editorial evaluation process for publication.

RESEARCH TEAM MEMBER ON NATIONAL RESEARCH GRANTS

2023 - CURRENT

A.D.E.R 10.1.2

Research on the evolutionary characteristics of Influenza Virus strains and the development of immunoprophylactic products for the control of avian influenza and associated epidemiological risk factors in Romania.

INSTITUTIONAL INVOLVEMENT

University of Life Sciences "King Mihai I" from Timișoara

University Ethics Committee – Member
Research Ethics Subcommittee – Member

Faculty of Veterinary Medicine Evaluation and Quality Assurance Committee - Member

● **MEMBER OF ORGANIZING COMMITTEES FOR EVENTS OF LOCAL, NATIONAL, AND INTERNATIONAL RELEVANCE**

22/10/2024 - 24/10/2024

Workshop „Necropsy and Bacteriological Investigations on the White Stork"

Faculty of Veterinary Medicine, University of Life Sciences "King Mihai I" from Timișoara

04/09/2024 - 07/09/2024

The 13th Congress of Veterinary Medicine, Timișoara

University of Life Sciences "King Mihai I" from Timișoara

30/05/2024 - 31/05/2024

Scientific Symposium - Faculty of Veterinary Medicine, Timișoara (International Multidisciplinary Conference on Sustainable Development)

University of Life Sciences "King Mihai I" from Timișoara