

CURRICULUM VITAE

ATHANASAKOPOULOU ZOI

Teaching Staff, Laboratory of Microbiology and Parasitology, Faculty of
Veterinary Medicine, University of Thessaly, Greece

Personal details

Surname:	Athanasakopoulou
Name:	Zoi
Place of birth:	Kalamata, Messinias, Greece
Residence:	Karditsa, Karditsas, Greece
Nationality - Citizenship:	Greek
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Education

PhD

“Detection of pathogens transmitted between wild birds and domestic animals or humans”

Department of Microbiology and Parasitology, Faculty of Veterinary Medicine,
University of Thessaly, Greece (November 2019 - July 2023)

Postgraduate Training Program

Department of Microbiology and Parasitology, Faculty of Veterinary Medicine,
University of Thessaly, Greece (April 2019 - November 2019)

Doctor of Veterinary Medicine

Faculty of Veterinary Medicine, University of Thessaly, Greece (September 2013 -
February 2019)

Language education

Greek (native language)

English (Proficiency degree, University of Cambridge, University of Michigan)

French (Certificat Praticqué de Langue Française B2, Université Paris-Sorbonne)

Computer literacy

MS Word, Excel, Internet (Intermediate A, GlobalCert)

Teaching Experience

1. "Immunology at Public and One Health", Department of Public and One Health of the University of Thessaly (04 May 2021 – 30 September 2021)
2. "Zoonosis through a one health approach", "General Microbiology" and "Infectious Diseases I", Department of Veterinary Medicine of the University of Thessaly (22 November 2023 – 1 March 2024)
3. "Diagnostic microbiology", Department of Veterinary Medicine of the University of Thessaly (11 March 2024 – 26 July 2024)
4. "General microbiology", Department of Veterinary Medicine of the University of Thessaly (11 October 2024 – 28 February 2025)
5. "Diagnostic microbiology", Department of Veterinary Medicine of the University of Thessaly (4 March 2025 – 25 July 2025)
6. Teaching Staff of "Virology and viral diseases of animals", Laboratory of Microbiology and Parasitology, Department of Veterinary Medicine, University of Thessaly (August 2025 – present)

Participation in Research Programs

1. "Novel technologies for surveillance and characterization of Extended-spectrum β -lactamase and Carbapenemase producing Enterobacteriaceae, in humans and animals – CarbaTech" (4 December 2019 – 31 August 2021)

2. “Development of monitoring mechanism and monitoring the levels of West Nile virus circulation in the region of Peloponnese” (8 September 2021 – 31 December 2021, 25 June 2025 – 31 December 2025)
3. Integrated Mosquito Control Program, Creation of a Control Structure and Development of a West Nile Virus Surveillance and Vigilance Mechanism in the Peloponnese Region (26 January 2022 – 31 May 2024)
4. LIFE Bear-Smart Corridors: Enhancing the viability of Brown Bears in Central Italy and Greece through the development of coexistence (30 October 2023 – 31 December 2023)
5. Integrated Mosquito Control Program, Creation of a Control Structure and Development of a Surveillance and Vigilance Mechanism for West Nile Virus in the Region of Peloponnese – 7543, Funding Body Region of Peloponnese (30 August 2023 – 31 October 2023, 1 January 2024 – 31 May 2024)
6. Integrated management and control of mosquito populations in Western Greece, years 2022 – 2024, action “Epidemiological surveillance of West Nile virus through control of its presence in adult mosquitoes and recording its presence in indicator birds (domestic and wild) and in equines”
7. Management and control of mosquitoes in the Regional Unit of Islands of the Attica Region 2024, action “Epidemiological surveillance of West Nile virus through control of its presence in indicator birds (domestic birds)”
8. Flagship action for sustainable agri-food systems - applied research, development of infrastructure and services for the sustainability of the sector (25 October 2024 – today)

Scientific Publications

1. Tsokana, C. N., Sokos, C., Giannakopoulos, A., Birtsas, P., Athanasiou, L. V., Valiakos, G., Sofia, M., Chatzopoulos, D. C., **Athanasakopoulou, Z.**,

Kantere, M., Spyrou, V., Rodi Burriel, A., & Billinis, C. (2020). Investigation of the Role of the European Brown Hare in the Epidemiology of Bacterial Zoonotic Pathogens: A Serological and Molecular Survey in Greece. *Vector borne and zoonotic diseases* (Larchmont, N.Y.), 20(4), 252–257. <https://doi.org/10.1089/vbz.2019.2506>

2. **Athanasakopoulou, Z.**, Tsilipounidaki, K., Sofia, M., Chatzopoulos, D. C., Giannakopoulos, A., Karakousis, I., Giannakis, V., Spyrou, V., Touloudi, A., Satra, M., Galamatis, D., Diamantopoulos, V., Mpellou, S., Petinaki, E., & Billinis, C. (2021). Poultry and Wild Birds as a Reservoir of CMY-2 Producing *Escherichia coli*: The First Large-Scale Study in Greece. *Antibiotics* (Basel, Switzerland), 10(3), 235. <https://doi.org/10.3390/antibiotics10030235>
3. **Athanasakopoulou, Z.**, Reinicke, M., Diezel, C., Sofia, M., Chatzopoulos, D. C., Braun, S. D., Reissig, A., Spyrou, V., Monecke, S., Ehricht, R., Tsilipounidaki, K., Giannakopoulos, A., Petinaki, E., & Billinis, C. (2021). Antimicrobial Resistance Genes in ESBL-Producing *Escherichia coli* Isolates from Animals in Greece. *Antibiotics* (Basel, Switzerland), 10(4), 389. <https://doi.org/10.3390/antibiotics10040389>
4. Touloudi, A., Valiakos, G., Cawthraw, S., Kostoulas, P., Gortázar, C., Boadella, M., Giannakopoulos, A., Birtsas, P., Sofia, M., Athanasiou, L. V., Satra, M., **Athanasakopoulou, Z.**, Kantere, M., Spyrou, V., Petrovska, L., & Billinis, C. (2021). Development of a Multiplex Bead Assay for Simultaneous Serodiagnosis of Antibodies against *Mycobacterium bovis*, *Brucella suis*, and *Trichinella spiralis* in Wild Boar. *Microorganisms*, 9(5), 904. <https://doi.org/10.3390/microorganisms9050904>

5. Kantere, M., Athanasiou, L. V., Giannakopoulos, A., Skampardonis, V., Sofia, M., Valiakos, G., **Athanasakopoulou, Z.**, Touloudi, A., Chatzopoulos, D. C., Spyrou, V., & Billinis, C. (2021). Risk and Environmental Factors Associated with the Presence of Canine Parvovirus Type 2 in Diarrheic Dogs from Thessaly, Central Greece. *Pathogens* (Basel, Switzerland), 10(5), 590. <https://doi.org/10.3390/pathogens10050590>
6. Tsilipounidaki, K., **Athanasakopoulou, Z.**, Billinis, C., Miriagou, V., & Petinaki, E. (2022). Letter to the Editor: Importation of the First Bovine ST361 New Delhi Metallo-5 Positive *Escherichia coli* in Greece. *Microbial drug resistance* (Larchmont, N.Y.), 28(3), 386–387. <https://doi.org/10.1089/mdr.2021.0243>
7. Tsilipounidaki, K., **Athanasakopoulou, Z.**, Müller, E., Burgold-Voigt, S., Florou, Z., Braun, S. D., Monecke, S., Gatselis, N. K., Zachou, K., Stefos, A., Tsagalas, I., Sofia, M., Spyrou, V., Billinis, C., Dalekos, G. N., Ehricht, R., & Petinaki, E. (2022). Plethora of Resistance Genes in Carbapenem-Resistant Gram-Negative Bacteria in Greece: No End to a Continuous Genetic Evolution. *Microorganisms*, 10(1), 159. <https://doi.org/10.3390/microorganisms10010159>
8. **Athanasakopoulou, Z.**, Sofia, M., Giannakopoulos, A., Papageorgiou, K., Chatzopoulos, D. C., Spyrou, V., Petridou, E., Petinaki, E., & Billinis, C. (2022). ESBL-Producing *Moellerella wisconsensis*-The Contribution of Wild Birds in the Dissemination of a Zoonotic Pathogen. *Animals*, 12(3), 340. <https://doi.org/10.3390/ani12030340>
9. Tsekouras, N., **Athanasakopoulou, Z.**, Diezel, C., Kostoulas, P., Braun, S. D., Sofia, M., Monecke, S., Ehricht, R., Chatzopoulos, D. C., Gary, D., Krähmer, D., Spyrou, V., Christodoulopoulos, G., Billinis, C., & Papatsiros,

V. G. (2022). CrossSectional Survey of Antibiotic Resistance in Extended Spectrum β -Lactamase-Producing Enterobacteriaceae Isolated from Pigs in Greece. *Animals*, 12(12), 1560. <https://doi.org/10.3390/ani12121560>

10. **Athanasakopoulou, Z.**, Diezel, C., Braun, S. D., Sofia, M., Giannakopoulos, A., Monecke, S., Gary, D., Krähmer, D., Chatzopoulos, D. C., Touloudi, A., Birtsas, P., Palli, M., Georgakopoulos, G., Spyrou, V., Petinaki, E., Ehricht, R., & Billinis, C. (2022). Occurrence and Characteristics of ESBL- and CarbapenemaseProducing *Escherichia coli* from Wild and Feral Birds in Greece. *Microorganisms*, 10(6), 1217. <https://doi.org/10.3390/microorganisms10061217>
11. Sofia, M., Giannakopoulos, A., Giantsis, I. A., Touloudi, A., Birtsas, P., Papageorgiou, K., **Athanasakopoulou, Z.**, Chatzopoulos, D. C., Vrioni, G., Galamatis, D., Diamantopoulos, V., Mpellou, S., Petridou, E., Kritas, S. K., Palli, M., Georgakopoulos, G., Spyrou, V., Tsakris, A., Chaskopoulou, A., & Billinis, C. (2022). West Nile Virus Occurrence and Ecological Niche Modeling in Wild Bird Species and Mosquito Vectors: An Active Surveillance Program in the Peloponnese Region of Greece. *Microorganisms*, 10(7), 1328. <https://doi.org/10.3390/microorganisms10071328>
12. Touloudi, A., McGiven, J., Cawthraw, S., Valiakos, G., Kostoulas, P., Duncombe, L., Gortázar, C., Boadella, M., Sofia, M., **Athanasakopoulou, Z.**, Chatzopoulos, D. C., Spyrou, V., Petrovska, L., & Billinis, C. (2022). Development of a Multiplex Bead Assay to Detect Serological Responses to *Brucella* Species in Domestic Pigs and Wild Boar with the Potential to Overcome Cross-Reactivity with *Yersinia enterocolitica* O:9.

Microorganisms, 10(7), 1362.
<https://doi.org/10.3390/microorganisms10071362>

13. Lefkaditis, M., **Athanasakopoulou, Z.**, Bayramoglou, R., Sofia, M., Chatzopoulos, D.C., Spyrou, V., & Billinis, C. (2022). Reproductive Problems Due to *Neospora caninum* in Dairy Cows from Greece. *Appro Poult Dairy & Vet Sci*, 8(5). DOI: 10.31031/APDV.2022.08.000700
14. **Athanasakopoulou, Z.**, Touloudi, A., & Billinis, C. (2022). Wild Boars Carry Antimicrobial Resistant Enterobacteriaceae of Zoonotic Importance. *Appro Poult Dairy & Vet Sci*, 9(1). DOI: 10.31031/APDV.2022.09.000702
15. Chatzopoulos, D.C., **Athanasakopoulou, Z.**, Papalexou, I., Sofia, M., Spyrou, V., Touloudi, A., & Billinis, C. (2022). Detection of Group A Rotaviruses in Dairy Cows in Greece. *Appro Poult Dairy & Vet Sci*, 9(1). DOI: 10.31031/APDV.2022.09.000701
16. Tsekouras, N., Meletis, E., Kostoulas, P., Labronikou, G., **Athanasakopoulou, Z.**, Christodoulou, G., Billinis, C., & Papatsiros, V.G. (2023). Detection of Enterotoxigenic *Escherichia coli* and *Clostridia* in the Aetiology of Neonatal Piglet Diarrhoea: Important Factors for Their Prevention. *Life*, 13, 1092. <https://doi.org/10.3390/life13051092>
17. Papatsiros, V.G., Papakonstantinou, G.I., Meletis, E., Koutoulis, K., **Athanasakopoulou, Z.**, Maragkakis, G., Labronikou, G., Terzidis, I., Kostoulas, P., & Billinis, C. (2023). Seroprevalence of Swine Influenza A Virus (swIAV) Infections in Commercial Farrow-to-Finish Pig Farms in Greece. *Veterinary Sciences*, 10, 599. <https://doi.org/10.3390/vetsci10100599>

18. **Athanasakopoulou, Z.**, Sofia, M., Skampardonis, V., Giannakopoulos, A., Birtsas, P., Tsolakos, K., Spyrou, V., Chatzopoulos, D. C., Satra, M., Diamantopoulos, V., Mpellou, S., Galamatis, D., G Papatsiros, V., & Billinis, C. (2023). Indication of West Nile Virus (WNV) Lineage 2 Overwintering among Wild Birds in the Regions of Peloponnese and Western Greece. *Veterinary sciences*, 10(11), 661. <https://doi.org/10.3390/vetsci10110661>
19. Stamelou, E., Papageorgiou, K., Papadopoulos, D., Delis, G., Chatzopoulos, D., **Athanasakopoulou, Z.**, Moschidis, E., Petridou, E., & Kritas, S. K. (2025). Towards Detecting Associations of Canine Astrovirus and Caliciviruses with Health and Living Characteristics of Dogs in Greece. *Pathogens* (Basel, Switzerland), 14(1), 92. <https://doi.org/10.3390/pathogens14010092>
20. Papageorgiou, K., Bouzalas, I., Giamoustari, K., Wróbel, M., Doukas, D., Stoikou, A., **Athanasakopoulou, Z.**, Chatzopoulos, D., Papadopoulos, D., Pakos, S., Karapetsiou, C., Billinis, C., Petridou, E., & Kritas, S. K. (2025). Detection of Pseudorabies Virus in Hunting Dogs in Greece: The Role of Wild Boars in Virus Transmission. *Pathogens* (Basel, Switzerland), 14(9), 905. <https://doi.org/10.3390/pathogens14090905>
21. Tsekouras, N., Antoniadis, S., **Athanasakopoulou, Z.**, Chatzopoulos, D. C., Kantas, D., Spyrou, V., Christodouloupoulos, G., Billinis, C., & Papatsiros, V. G. (2025). Can Improved Biosecurity Measures Reduce the Presence of the Most Common ESBL-Producing Enterobacteriaceae? A Study from Greek Pig Farms. *Life* (Basel, Switzerland), 15(10), 1629. <https://doi.org/10.3390/life15101629>

Abstracts in Proceedings of Scientific Meetings

1. **Athanasakopoulou, Z.**, Tsilipounidaki, K., Sofia, M., Chatzopoulos, D.C., Giannakopoulos, A., Spyrou, V., Touloudi, A., Satra, M., Galamatis, D., Diamantopoulos, V., Mpellou, S., Petinaki, E., & Billinis, C. Extended-Spectrum Cephalosporin Resistance among Wild Bird Isolates in Greece. ePoster, European Congress of Clinical Microbiology & Infectious Diseases (ECCMID) 2021, online, 9-12 July 2021.
2. **Athanasakopoulou, Z.**, Sofia, M., Chatzopoulos, D.C., Petinaki, E., Spyrou, V., & Billinis, C. Antimicrobial resistant *Moellerella wisconsensis*; a potentially zoonotic pathogen isolated from wild birds in Greece. Poster with defense, 69th Wildlife Disease Association/ 14th European Wildlife Disease Association Joint Conference, online, 30 August - 3 September 2021.
3. Sofia, M., Giannakopoulos, A., Touloudi, A., Chatzopoulos, D.C., **Athanasakopoulou, Z.**, Spyrou, V., & Billinis, C. Association of Temperature Factors with Seropositive Results against Selected Pathogens in Dairy Cow Herds from Central and Northern Greece. Presentation, ICLID 2021: XV. International Conference on Livestock and Infectious Diseases, Baku, Azerbaijan, 4-5 October 2021.
4. Spyrou, V., Chatzopoulos, D., Touloudi, A., Giannakopoulos, A., Tsinopoulou, G., **Athanasakopoulou, Z.**, Siasios, A., Tyrnenopoulou, P. & Billinis, C. Seroprevalence and Spatial Analyses of *Babesia caballi*, *Borrelia burgdorferi* s.l., *Coxiella burnetii* and *Toxoplasma gondii* in equids from the Peloponnese and Western Greece: Public Health Implications. Presentation, 16th Panhellenic Veterinary Congress, Thessaloniki, Greece, 31 October-2 November 2025

Reviewer in Scientific Journals

Microorganisms (MDPI), Microbiology Research (MDPI), Tropical Medicine and
Infectious Disease (MDPI), Antibiotics (MDPI), Pathogens (MDPI)