



Curriculum Vitae

Personal information **Maria Eleni Filippitzi**

Work experience

1. Employer: Aristotle University of Thessaloniki
 - Start date: 092021
 - End date:
 - Position: Assistant Professor
 - Activities: academic, teaching, research and administrative activities
 - Country: Greece
2. Employer: Sciensano
 - Start date: 042018
 - End date:
 - Position: Veterinary Epidemiologist
 - Activities:
 - _Post_doc researcher in the area of food_borne zoonoses and antimicrobial resistance ("One Health European Joint Program", co_funded by the EU)
 - _research coordinator/project manager for national and international research projects focusing on One Health and antimicrobial resistance (e.g. EU JAMRAI, JPAMR, NOVA, COHESIVE, ORION)
 - _coordination collaborator of the strategy development of the institute for antimicrobial resistance in public and animal health (incl. national OH AMR report)
 - _scientific expert to the Scientific Committees (national, international)
 - Country: Belgium
3. Employer: Ghent University
 - Start date: 112013
 - End date: 042018
 - Position: PhD candidate in Veterinary Epidemiology and Resident in Veterinary Public Health (Population Medicine)
 - Activities:
 - _ PhD research which focused on antimicrobial use in livestock production, and the resulting impact on resistance selection in animals, humans and the environment.
 - _active involvement in projects related to the farm biosecurity and disease prevention, the improvement of control of infectious pig diseases, the economic benefit and evaluation of a One Health approach and antimicrobial use and resistance.
 - _ participation in conferences and training courses, scientific writing and publishing, teaching and workshop organisation.
 - _Between 2015 and 2019, representing Belgium in the Management Committee of the EU_Cost Action 'Network for Evaluation of One Health'
 - Country: Belgium
4. Employer: European Food Safety Authority (EFSA)
 - Start date: 112012
 - End date: 102013
 - Position: In_service Trainee at the Scientific Committee and Emerging Risks Unit (Science Strategy and Coordination)
 - Activities:
 - _research and literature reviews on microbiological hazards affecting Public Health via various pathways (e.g. food products, zoonoses, the environment).
 - _involvement in procedures of identification of current and future emerging, public and animal health risks; drafting and editing the so_called Briefing Notes on the risks identified
 - _participation in a regular basis in meetings and working groups with scientific experts, Member States and stakeholders
 - Country: Italy

Education and training

1. Subject: Animal and Plant Health Agency (APHA) and Royal Veterinary College
 - Start date: 042012
 - End date: 092012
 - Qualification: Research collaborator with the Centre for Epidemiology and Risk Analysis
 - Organisation:
 - Country: United Kingdom
2. Subject: Royal Veterinary College, University of London
 - Start date: 092011
 - End date: 092012

- Qualification: Master of Science in Control of infectious diseases in animals
 - Organisation:
 - Country: United Kingdom
3. Subject: Faculty of Veterinary Medicine, Aristotle University of Thessaloniki
- Start date: 012011
 - End date: 092011
 - Qualification: Research collaborator with the Laboratory of Microbiology, Immunology and Infectious Diseases
 - Organisation:
 - Country: Greece
4. Subject: Faculty of Veterinary Medicine, Aristotle University of Thessaloniki
- Start date: 092005
 - End date: 042011
 - Qualification: Doctor of Veterinary Medicine
 - Organisation:
 - Country: Greece

Additional information

Publications

□ Qualitative risk models for homogeneity, stability, and residues of antimicrobials in medicated feed and drinking water in pig rearing. D Georgaki, F Vandael, H Cardoso de Carvalho Ferreira, M E Filippitzi, P De Backer, M Devreese, J Dewulf, S Croubels. Conditionally accepted as of 01/11/22 (minor revisions) at BMC Veterinary Research. □ Defining the scope of the European Antimicrobial Resistance Surveillance network in Veterinary medicine (EARS_Vet): a bottom_up and One Health approach. R Mader, C Bourély, J Amat, E Is M. Broens, L Busani, B Callens, P Crespo, P Damborg, M E Filippitzi, W Fitzgerald, T Grönthal, M Haenni, A Heuvelink, J van Hout, H Kaspar, C Munoz, M Norström, K Pedersen, L Pokludova, F Dal Pozzo, R Slowey, A Margrete Urdahl, A Vatopoulos, C Zafeiridis, J Madec. 2022. *Journal of Antimicrobial Chemotherapy* 77 (3), 816-826. DOI: <https://doi.org/10.1093/jac/dkab462> □ Review and Analysis of National Monitoring Systems for Antimicrobial Resistance in Animal Bacterial Pathogens in Europe: A Basis for the Development of the European Antimicrobial Resistance Surveillance Network in Veterinary Medicine (EARS_Vet). R Mader, C Muñoz Madero, B Aasmäe, C Bourély, E Broens, L Busani, B Callens, L Collineau, P Crespo_Robledo, P Damborg, ME Filippitzi, W Fitzgerald, A Heuvelink, J van Hout, H Kaspar, M Norström, K Pedersen, T Pohjanvirta, L Pokludova, F Dal Pozzo, R Slowey, C Teixeira Justo, A Urdahl, A Vatopoulos, C Zafeiridis, J Madec and J Amat. 2022. *Frontiers in Microbiology*. 807. 13:838490. DOI: <https://doi.org/10.3389/fmicb.2022.838490> □ Assessing evidence of a potential *Salmonella* transmission across the poultry food chain. M Cargnel, ME Filippitzi, DV Cauteren, W Mattheus, N Botteldoorn, L Cambier, S Welby. 2022. *Zoonoses and Public Health*. <https://doi.org/10.1111/zph.12998> □ Overview and evaluation of existing guidelines for rational antimicrobial use in small animal veterinary practice in Europe. F Allerton, C Prior, AF Bagcigil, E Broens, B Callens, P Damborg, J Dewulf, ME Filippitzi, L Carmo, J Gómez_Raja, E Harpaz, A Mateus, M Nolff, C J Phythian, D Timofte, F Zendri, L Rem Jessen. 2021. *Antibiotics* 10 (4), 409. DOI: <https://doi.org/10.3390/antibiotics10040409> □ Quantitative assessment of the entry through mechanical transport in aircraft of rift valley fever virus infected mosquitoes into previously unaffected areas. Filippitzi, M.E. and Saegerman, C. 2021. *Pathogens* 10 (5), 541. DOI: <https://doi.org/10.3390/pathogens10050541>. □ Building the European Antimicrobial Resistance Surveillance network in veterinary medicine (EARS_Vet). Mader, R., Damborg, P., Amat, J., Bengtsson, B., Bourelly, C., Broens, Busani, L., Crespo_Robledo, P., Filippitzi, M.E., Fitzgerald, W., Kaspar, H., Madero, C.M., Norstrom, M., Nykasenoja, S., Pedersen, K., Pokludova, L., Margrete, A., Vatopoulos, A., Zafeiridis, C., Madec, J.-Y. 2021. *Eurosurveillance* 26 (4), 2001359. DOI: https://doi.org/10.2807/1560_7917.ES.2021.26.4.2001359. □ Semi quantitative risk assessment by expert elicitation of potential introduction routes of African swine fever from wild reservoir to domestic pig industry and subsequent spread during the Belgian outbreak (2018–2019). A Mauroy, P Depoorter, C Saegerman, B Cay, N De Regge, ME Filippitzi, C Fischer, M Laitat, D Maes, K Morelle, H Nauwynck, X Simons, T van den Berg, X Van Huffel, E Thiry, J Dewulf. 2021. *Transboundary and emerging diseases* 68 (5), 2761-2773. <https://doi.org/10.1111/tbed.14067> □ Assessment of evaluation tools for integrated surveillance of antimicrobial use and resistance based on selected case studies. M Sandberg, A Hesp, C Aenishaenslin, M Bordier, H Bennani, U Bergwerff, I Chantziaras, D De Meneghi, J Ellis_Iversen, ME Filippitzi, K Mintiens, L R Nielsen, M Norström, L Tomassone, G van Schaik, L Alban. 2021. *Frontiers in Veterinary Science* 8: 620998. DOI: [10.3389/fvets.2021.620998](https://doi.org/10.3389/fvets.2021.620998). □ Quantitative risk model to estimate the level of antimicrobial residues that can be transferred to soil via manure, due to oral treatments of pigs. Filippitzi M.E., Devreese M., Broekaert K., Rasschaert G., Daeseleire E., Meirlaen J., Dewulf J. 2019. *Preventive Veterinary Medicine*. 167: 90-100. DOI: <https://doi.org/10.1016/j.prevetmed.2019.03.022> □ Oral group medication in pig production : characterising medicated feed and drinking water systems. Vandael F., Filippitzi M.E., Dewulf J., Devreese M., Croubels S. 2019. *Veterinary Record*. 185 (13). DOI: [doi:10.1136/vr.105495](https://doi.org/10.1136/vr.105495) □ Probabilistic risk model to assess the potential for resistance selection following the use of antimicrobial medicated feed in pigs. Filippitzi M.E., Chantziaras I., Devreese M., Dewulf J. 2018. *Food Additives and Contaminants, Part A*. 35(7):1266-1277. DOI: [10.1080/19440049.2018.1461257](https://doi.org/10.1080/19440049.2018.1461257) □ Use of a seeder sentinel in vivo animal model to evaluate the effect of a commercial competitive exclusion product on the selection and spread of enrofloxacin resistance in commensal *E. coli* in broilers. Chantziaras I., Smet A., Filippitzi M. E., Haesebrouck F., Boyen F., Dewulf J. 2018. *Avian Pathology*. 47(5). DOI: [10.1080/03079457.2018.1486027](https://doi.org/10.1080/03079457.2018.1486027) □ Review of transmission routes of 24 infectious diseases preventable by biosecurity measures and comparison of the implementation of these measures in pig herds in six European countries. Filippitzi M. E., Brinch Kruse A., Postma M., Sarrazin S., Maes D., Alban L., Nielsen L.R., Dewulf J. 2017. *Transboundary and Emerging Diseases*. 65(2):381-398. DOI: [10.1111/tbed.12758](https://doi.org/10.1111/tbed.12758) □ The quantitative outcomes of a "One Health" approach to study global health issues: a systematic review. Falzon L.C., Lechner I., Chantziaras I., Collineau L., Courcoul A., Filippitzi M.E., Laukkanen Ninios R., Peroz C., Pinto Ferreira J., Postma M., Prestmo P.G., Phythian C., Sarno E., Vanantwerpen G., Vergne T., Grindlay D., Brennan M. 2017. *Ecohealth*. doi: [10.1007/s10393_017_1310_5](https://doi.org/10.1007/s10393_017_1310_5). □ A blueprint to evaluate One Health. Ruegg S., McMahon B., Häslar B., Esposito R., Rosenbaum Nielsen L., Speranza C., Ehlinger T., Peyre M., Aragrande M., Zinsstag, Davies P., Mihalca A., Buttigieg S., Rushton J., Carmo L., De Meneghi D., Canali M., Filippitzi M.E., Goutard F., Ilieski V., Milievi D., O'Shea H., Radeski M., Kock R., Staines A., Lindberg A.. 2017. *Frontiers in Public Health*. 5:20 <https://doi.org/10.3389/fpubh.2017.00020> □ The risk of cross contamination due to the use of antimicrobial medicated feed throughout the trail of feed from the feed mill to the farm. Filippitzi M. E., Sarrazin S., Imberechts H., Smet A., Dewulf J., 2016. *Food Additives and Contaminants, Part A*. 33(4):644-55. DOI: <https://doi.org/10.1080/19440049.2016.1160442> □ Microbiological zoonotic emerging risks, transmitted between livestock animals and humans (2007-2015). Filippitzi M. E., Goumperis T., Robinson T., Saegerman C., 2016. *Transboundary and Emerging Diseases*. 64(4):1059-1070. □ Antimicrobial use in pigs, broilers and veal calves in Belgium. Filippitzi M. E., Callens B., Pardon B., Persoons D., Dewulf J. 2014. *Vlaams Diergeneeskundig Tijdschrift*. 83(5). 215-224. DOI: <https://doi.org/10.21825/vdt.v83i5.16633> A detailed list of book chapters and national and international reports written is available

Projects

□ "One Health" Implications of Using Antibacterial Agents in Companion Animals (PET_AMR). Public Federal Service (SPF) Public Health, Safety of the food chain and the environment (Belgium). 07/2021_07/2024. □ Investigation and evaluation of the level of biosecurity in small ruminant farms in Greece (BIO_SMARF). Aristotle University of Thessaloniki – Ministry of Education. 10/2022_10/2023. □ Effect of altered antibiotic use in food producing animals on antimicrobial resistance in animal and human pathogens: looking back to move forward (lessons learned, remaining challenges) (AB_ChangeR). Public Federal Service (SPF) Public Health, Safety of the food chain and the environment (Belgium). 08/2022_08/2024. □ One Health Antimicrobial resistance surveillance: Reporting and Evaluation (OH_EVAREXIST). Sciensano (Belgium). 01/2023_01/2025. □ Investigation of resistance mechanisms in emerging pathogens with the 'One Health' concept as missing link (MissingLink). Sciensano (Belgium). 10/2019_10/2023. □ Development of special breeding method and management of total beef quality (Bellas Quality Meat). Region of Central Macedonia 2014_2020. 01/2022_01/2024. □ Convergence in evaluation frameworks for integrated surveillance of antimicrobial resistance (Co_Eval AMR phases I and II). Joint Programming Initiative on

Antimicrobial Resistance (JPIAMR). 01/2019_01/2021 and 01/2021_01/2023 □ Joint Action antimicrobial resistance and healthcare associated infections (EU_JAMRAI): EARS Vet. Co_funded EU_MS. 09/2018_02/2021. □ Novel approaches for design and evaluation of cost_effective surveillance across the food chain (NOVA) of the One Health European Joint Project (OHEJP). Horizon 2020. 01/2018_06/2021. □ One Health surveillance initiative on harmonization of data collection and interpretation (ORION) of the OH EJP. Horizon 2020. 01/2018_06/2021. □ One Health structure In Europe (COHESIVE) of the OH EJP. Horizon 2020. 01/2018_06/2021. □ Homogeneity, stability and carry_over of veterinary drugs added to feed and water for group treatment of pigs (GROUPMEDIPIG). Public Federal Service (SPF) Public Health, Safety of the food chain and the environment (Belgium). 09/2017_09/2021. □ Antibiotic resistance – Impact of cross contamination of animal feed with antibiotics on the development of resistance (CROSSCONTAM). Public Federal Service (SPF) Public Health, Safety of the food chain and the environment (Belgium). 09/2014_09/2018.

Memberships

Scientific Committee Member (Belgium _ WG African Swine Fever) Scientific Committee Member (ANSES, France, CES SABA) and WG member AMR Sciensano Strategy Group member European College of Veterinary Public Health (as Diplomate)

Other Relevant Information