

## Curriculum Vitae Dorina Timofte

**Dr. DORINA TIMOFTE, DVM, PhD, Dipl. ECVM, FRCPath, FRCVS**

Professor of Clinical Veterinary Microbiology  
Head of the Veterinary Microbiology Diagnostic Laboratory  
Institute of Infection, Veterinary and Ecological Sciences (IVES), University of Liverpool  
Leahurst Campus, University of Liverpool, Neston CH64 7TE UK  
Tel: 0151-625-1908 Email: [d.timofte@liv.ac.uk](mailto:d.timofte@liv.ac.uk)

### Higher Education:

1991 **DVM** (Doctor in Veterinary Medicine) Faculty of Veterinary Medicine, Iasi, Romania  
1998 **PhD** in Microbiology and Immunology, Faculty of Veterinary Medicine, Iasi, Romania  
2011 **MRCVS** - RCVS (Royal College of Veterinary Surgeons)  
2017 **RCVS Specialist** in Veterinary Pathology (sub-speciality Microbiology)  
2017 Dipl. **ECVM**, European Veterinary Specialist in Veterinary Microbiology  
2023 **FRCVS** (Fellow of Royal College of Veterinary Surgeons)  
2024 **FRCPath** (Fellow of Royal College of Pathologists)

### Positions Held:

1991 - 1998. **Lecturer in Microbiology**, Faculty of Veterinary Medicine, Iasi, Romania  
1998 - 2004 **Senior Lecturer** and then **Reader**, Faculty of Veterinary Medicine, Iasi  
2004 - 2006 **Honorary Research Associate**, Department of Veterinary Pathology, University of Liverpool (UoL)  
2006 - 2007 **Coordinator**, DNA Archive for Companion Animals, Dept of Vet Pathology, UoL  
2009 - 2013 **Research Associate/Diagnostic Microbiologist**, Dept of Vet Pathology, UoL  
2013 - 2016 **Lecturer in Clinical Veterinary Microbiology**, School of Veterinary Science, UoL  
2016 - 2024 **Senior Lecturer in Clinical Veterinary Microbiology**, UoL  
2024 - **Professor of Clinical Veterinary Microbiology**, UoL

### Other Roles/Honours:

**Member of ECVM Executive Committee (and General Secretary) 2021-24; Currently Vice-President**

<https://ecvmicro.org/blog/profile/dr-dorina-timofte/>

**Chair**, 1st Int. Conference of the European College of Veterinary Microbiology, Athens, 2019

**Chair, Biosecurity and Infection Control Committee in School of Veterinary Science, UoL (since 2018)**

**Management Committee Member and Working Group 1 Leader** of the European Network for Optimization of Veterinary Antimicrobial Treatment (ENOVAT; 2019-date)

**Member of the Executive Committee** of ESGVM, in the European Society for Microbiology and Infectious Diseases (ESCMID) (2017-2021)

**Visiting Professor**, Faculty of Veterinary Science, Iasi, Romania (since 2006)

**Received PRECISI 2016 and 2020 PRIZE**, awarded by the Romanian Ministry of Education and Scientific Research

### Relevant, recent Awarded Grants:

- **PetPlan** (Dec 2022- Dec 2023); **PI**, Project Title: "Efficacy of environmental microfibre and steam-cleaning technology for removal of bacterial pathogens in veterinary hospitals" (£9,700)
- **University of Liverpool**, IVES Pump Priming Funding (2023), **PI**, "Fast-tracking of Gram-negative ESKAPE pathogens to inform infection control within veterinary hospital environments" (£3,200)
- **EU COST Action CA18217**, European Network for Optimization of Veterinary Antimicrobial Treatment (ENOVAT, 2019-2024); **Co-I**; £550,000
- **Horse Trust**; The emerging problem of antimicrobial resistance in equines: Investigating faecal carriage and infections with multidrug resistant bacteria in horses (2016-21), **Co-I** £221,328
- **Institute of Veterinary Science Research funding**, 2017/2019: New technologies for Infection control in Veterinary Hospitals, **PI**, (£11,420)
- **ESCMID 2017**; funding for Educational Course "Challenges in Veterinary Hospital Infection Control and Antimicrobial Stewardship" satellite event to BSAVA Congress 2018; **D. Timofte** (20,000 Euros), **PI**

## Recently supervised Post-Graduate Student Projects: ECVM/AVMA residents supervisor:

- Ongoing ECVM residents: supervisor of Silvana Sosa-Portugal (since Aug 2022); Iuliana Maciuca (since June 2022); <https://ecvmicro.org/residents/>
- Supervisor of the Resident Flavia Zendri, 2018-22; passed the ECVM Exam in Sept 2023; <https://ecvmicro.org/blog/profile/flavia-zendri/>
- Supervisor of the veterinary microbiology trainee Alessio Bortolami (2016-18), passed AVMC examination 2019, <https://www.avma.org/javma-news/2020-04-01/american-college-veterinary-microbiologists>
- Co-supervisor of Veterinary Dermatology Resident Laboratory Research Project (Eva Espadale) 2016, co-supervised by G. Pinchbeck, V. Schmidt, N.J. Williams and N. McEwan.

## Recent PhD co-supervisor:

- Louise Jackson (2019-23), University of Liverpool; project: "Preventing Neonatal Infectious Arthritis in Lambs: Sources, Transmission and Characterisation of *Streptococcus dysgalactiae*"
- Casja Isgren (2016- 2021), University of Liverpool Project: "Investigating carriage and infections with multidrug resistant bacteria in horses"

## Selected Recent/Relevant Publications:

- Zendri F, Schmidt V, Mauder N, Loeffler A, Jepson RE, Isgren C, Pinchbeck G, Haldenby S, **Timofte D** (2024) Rapid typing of *Klebsiella pneumoniae* and *Pseudomonas aeruginosa* by Fourier-transform Infrared spectroscopy informs infection control in veterinary settings. *Front Microbiol* ;15:1334268. doi: 10.3389/fmicb.2024.1334268.
- Moreira da Silva J, Menezes J, Fernandes L, Marques C, Costa SS, **Timofte D**, Amaral A, Pomba C.J (2024) Dynamics of bla<sub>OXA-23</sub> gene transmission in Acinetobacter spp. from contaminated veterinary environmental surfaces: an emerging One Health threat? *Hosp Infect.* 2024 Apr;146:116-124. doi: 10.1016/j.jhin.2024.02.001.
- Farrell S, Bagcigil AF, Chaintoutis SC, Firth C, Aydin FG, Hare C, Maaland M, Mateus A, Vale AP, WindahlU, Damborg P, **Timofte D**, Singleton D, Allerton F (2024) A multinational survey of companion animal veterinary clinicians: How can antimicrobial stewardship guidelines be optimised for the target stakeholder? *Vet J.* 2024;303:106045. doi: 10.1016/j.tvjl.2023.106045.
- Zendri F, Isgren CM, Devaney J, Schmidt V, Rankin R and **Timofte D** (2023) Resistome-based surveillance identifies ESKAPE pathogens as the predominant gram-negative organisms circulating in veterinary hospitals. *Front. Microbiol.* 14:1252216. <https://doi.org/10.3389/fmicb.2023.1252216>
- Ramirez, A.; Poveda, J.; Dijkman, R.; Poveda, C.; Suárez-Pérez, A.; Rosales, R.; Feberwee, A.; Szostak, M.; Ressel, L.; Viver, T., *et al.* (includes **Timofte D.**) (2023) *Mycoplasma bradburyae* sp. Nov. Isolated from the trachea of sea birds. *Systematic and Applied Microbiology* 2023, 46, 126472.
- Timofte D.**, 2023 Role of clinical microbiology services in monitoring emerging resistances in small animals and their hospital environment." *Journal of Veterinary Pharmacology and Therapeutics* 46(S1): 19. <https://doi.org/10.1111/jvp.13156>
- Hrițcu, O.-M.; Solcan, G.; Măciucă, I.E.; **Timofte, D.**; Schmidt, V. (Published online: Mar, 2023) Increased tolerance to chlorhexidine following prolonged exposure in Staphylococcus species isolated from the skin and mucosae of dogs. *Journal of Applied Life Sciences and Environment*, 55 (3), 311-322. <https://doi.org/10.46909/alse-552066>
- Isgren, C. M., Williams, N. J., Fletcher, O. D., **Timofte, D.**, Newton, R. J., Maddox, T. W., . . . Pinchbeck, G. L. (2022). Antimicrobial resistance in clinical bacterial isolates from horses in the UK. *Equine Veterinary Journal*, 54(2), 390-414. doi:10.1111/evj.13437 IF=2.2
- Timofte, D.**, Broens, E. M., Guardabassi, L., Pomba, C., Allerton, F., Ikononopoulos, J., ....(2020). Driving laboratory standardisation of bacterial culture and antimicrobial susceptibility testing in veterinary clinical microbiology in Europe and beyond. *Journal of Clinical Microbiology*. doi:10.1128/jcm.02572-20
- Espadale, E., Pinchbeck, G., Williams, N. J., **Timofte, D.**, McIntyre, K. M., & Schmidt, V. M. (2018). Are the hands of veterinary staff a reservoir for antimicrobial-resistant bacteria? A randomized study to evaluate two-hand hygiene rubs in a veterinary hospital. *Microbial Drug Resistance*, 24(10), 1607-1616. doi:10.1089/mdr.2018.0183
- Bortolami, A., Williams, N. J., McGowan, C. M., Kelly, P. G., Archer, D. C., Corro, M., . . . **Timofte, D.** (2017). Environmental surveillance identifies multiple introductions of MRSA CC398 in an Equine Veterinary Hospital in the UK, 2011-2016. *Nature Scientific Reports*, 7. doi:10.1038/s41598-017-05559-8
- Timofte, D.**, Maciuca, I. E., Williams, N. J., Wattret, A., & Schmidt, V. (2016). Veterinary hospital dissemination of CTX-M-15 extended-spectrum beta-lactamase-producing Escherichia coli ST410 in the United Kingdom. *Microbial Drug Resistance*, 22, 609- 615. doi:10.1089/mdr.2016.0036