

ENOVAT training school, Wed. 20th Sept (2.00-6.00pm)-Thursday 21th Sept (9.00-1.00pm) 2023; Rikli Balance Hotel, Bled, Slovenia

Title options:

Optimising practise in veterinary clinical microbiology: bacterial culture, AST, and harmonization of methods

Tutors: Dorina Timofte (*University of Liverpool, UK*), Peter Damborg (*University of Copenhagen, Denmark*), Els Broens (*Utrecht University, The Netherlands*), Filip Boyen (*University of Ghent, Belgium*)
Flavia Zendri (*University of Liverpool, UK*)

Description: The goal of the training school is to provide veterinary microbiologists an opportunity to review the current laboratory practices and start taking real steps towards harmonisation of laboratory methodologies in veterinary diagnostic microbiology. You will have the opportunity to hear from experts in the field, with lectures supported by time allocated for group and plenary discussion of practical examples and case-studies. The final aim is to identify the “best practice” for interpreting results for bacterial culture, identification and isolate selection for antimicrobial susceptibility testing. The focus of the training school is clinical microbiology related to companion animals (dogs, cats, horses), but most of the concepts explained are applicable to other animals also.

Registration is open to ENOVAT members; in case you are not a member, please sign up (free of charge) [here](#). Note there are limited spaces available, but everyone interested in the training school should fill out this short [survey](#) no later than July 5th. In the selection process, priority will be given to new attendees who did not attend last year’s training school in Bari and who are working in a clinical microbiology laboratory processing companion animal specimens. Those selected will be notified by mid-July and will be eligible for course participation, reimbursement of travel and up to 3 nights accommodation.

Tentative program:

DAY 1 (Wednesday 20th Sept, 2.00-6.00pm)

14.00 – 14:15 Welcome and introduction to the Training school

14:15 – 15.00 *Bacterial culture isolate selection for AST: opportunities for Diagnostic led stewardship* (Dorina Timofte)

15.00-15:30 *Brief outline on lab approaches for bacterial culture, interpretation and reporting of frequently submitted samples – (P. Damborg, E. Broens, and D. Timofte)*

15.30-16.00 Coffee break

16.00 – 18.00 Bacterial culture and interpretation- interactive practical cases proposed by attendees (details on case-selection to follow)

DAY 2 (Thursday 21th Sept, 9.00- 1.00pm)

9:00 – 9.30 MALDI-TOF MS bacterial identification and troubleshooting with practical examples (*Filip Boyen*)

9.30 – 10.00 *“Best practise answers” to AMR detection and AST interpretation (Peter Damborg and Els Broens)*

10.00 – 11.00 Group work and case-discussion on (i) essential resistance mechanism detection and (ii) challenging AST interpretation **PART 1**

11.00-11.30 Coffee break

11.30-12.00 Group work and case-discussion on (i) essential resistance mechanism detection and (ii) challenging AST interpretation **PART 2**

12.00- 12.30 Developing SOPs for the ENOVAT Archive of protocols for Veterinary Microbiology Investigations (*Flavia Zendri and Dorina Timofte*)

12.30 – 1.00 Debriefing and end of the Training school
