



ENOVAT

European Network for Optimization of
Veterinary Antimicrobial Treatment

ENOVAT training school

14-15/09/2022, Bari, Italy

Optimising practise in veterinary clinical microbiology: from sample taking to treatment decision

Peter Damborg - *University of Copenhagen, Denmark*

Els Broens - *Utrecht University, The Netherlands*

Dorina Timofte - *University of Liverpool, UK*

Filip Boyen - *Ghent University, Belgium*

Nanna Jacobsen - *University of Copenhagen, Denmark*

Description: The goal of the training school is to provide to clinicians and veterinary microbiologists an opportunity to review the current laboratory practices and start developing pipelines towards standardisation in veterinary diagnostic microbiology. You will have the opportunity to hear from experts in the field, with lectures supported by practical examples and case-studies to identify the "best practice" for performing and interpreting results for bacterial culture, identification and antimicrobial susceptibility testing. The focus of the training school is microbiology related to companion animals (dogs, cats, horses), but most of the concepts explained are applicable to other animals also.

Registration is open to ECVM residents and ENOVAT members; those interested to sign up should (free of charge) become member of an ENOVAT working group, [please visit here](#) to apply for membership. In order to be considered for this training school, the ENOVAT subscription needs to be completed by 7th July. In the selection process, priority will be given to those 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 3 nights accommodation.

Wednesday, Sept. 14th

- 15.00– 15.10 Welcome and introduction to the Training school
- 15.10– 15.30 Specimen collection, transport, guidance and management: The clinicians and laboratory view- **N. Jacobsen**
- 15.30– 17.00 Lab approaches for bacterial culture, interpretation and reporting of frequently submitted samples – interactive session- **P. Damborg, E. Broens, & D. Timofte**
- 17.00– 17.20 *Coffee break*
- 17.20– 18.00 MALDI-TOF MS bacterial identification and troubleshooting with practical examples- **F. Boyen**

Thursday, Sept. 15th

- 09:00– 09.30 Best practise for performing and interpreting AST (*Peter Damborg*)
- 09.30– 10.00 Detection of AMR mechanisms in clinical companion animal isolates- **E. Broens**
- 10.00– 10.40 AST interpretation and AMR detection *practical examples-case studies*
- 10.40– 11.00 *Coffee break*
- 11.00– 12.00 AST reporting to support antimicrobial stewardship- *the laboratory approach and the clinician needs- Joint talk-* **D. Timofte & N. Jacobsen**
- 12.00 – 12.30 Debriefing and end of the Training school
- 12.30 Lunch