



DTU Food
National Food Institute

EQAS 2015

Campylobacter

EURL-AR workshop, April 14-15th, 2016

Participation

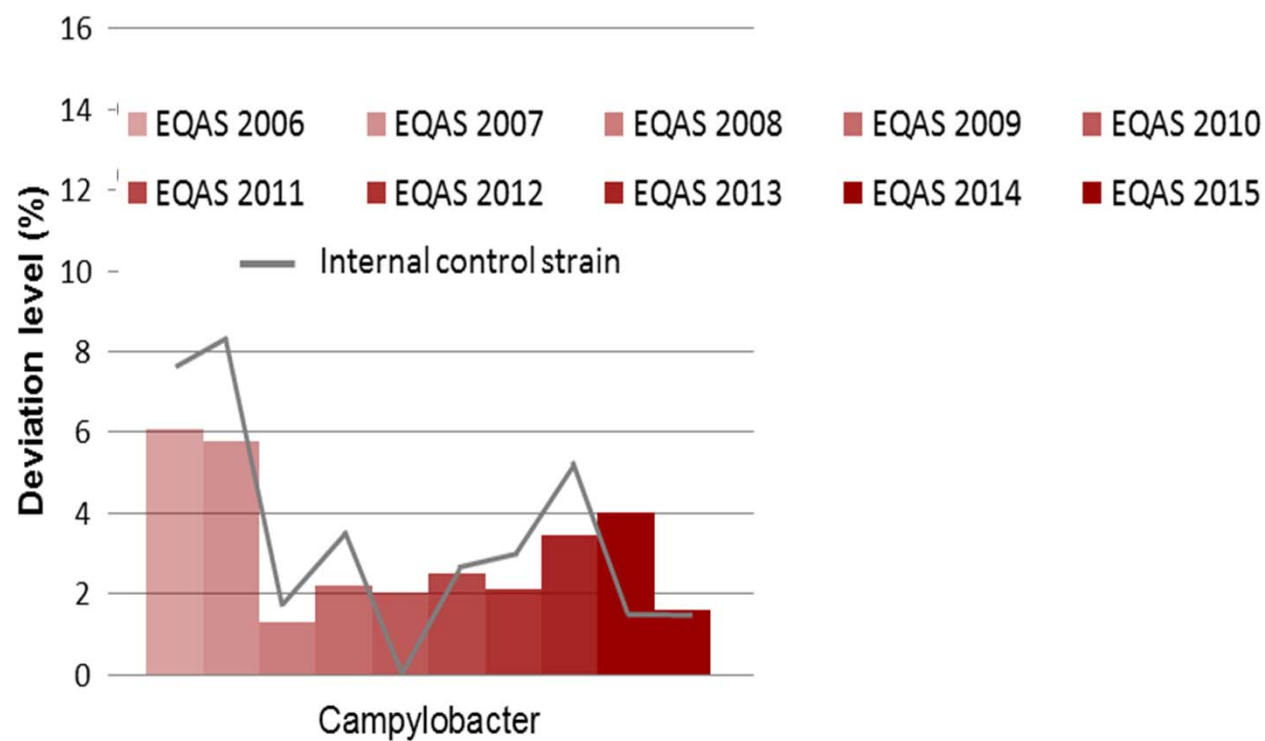
■ *Salmonella and Campylobacter*

31 countries

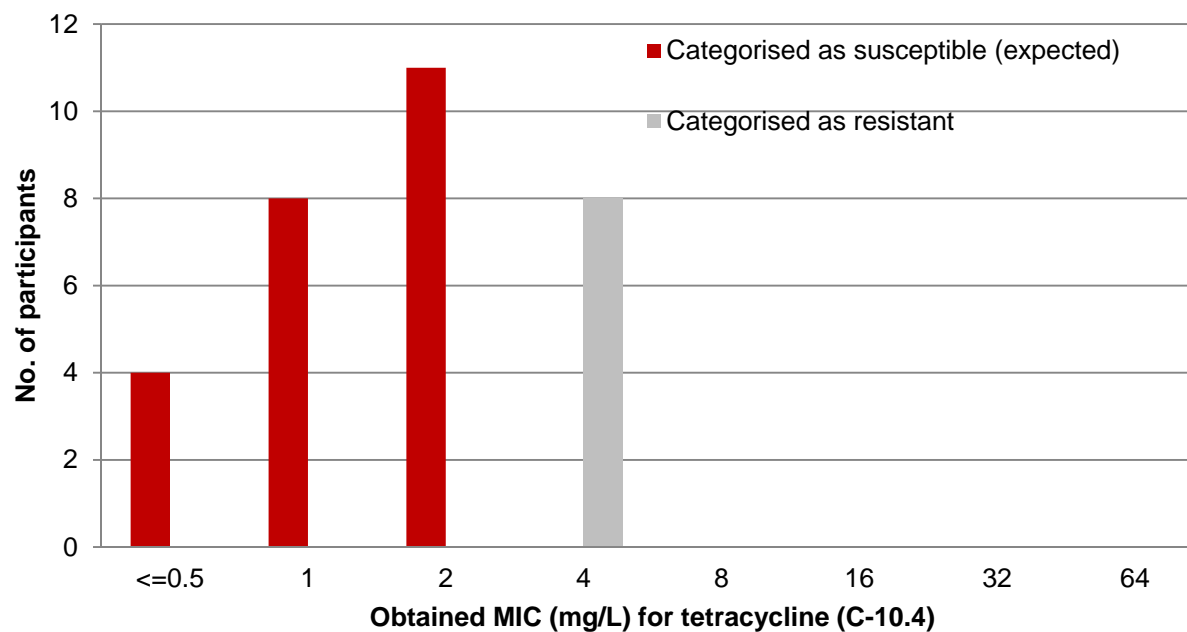
31 sets of *Campylobacter* results



Comparison to former EQASs



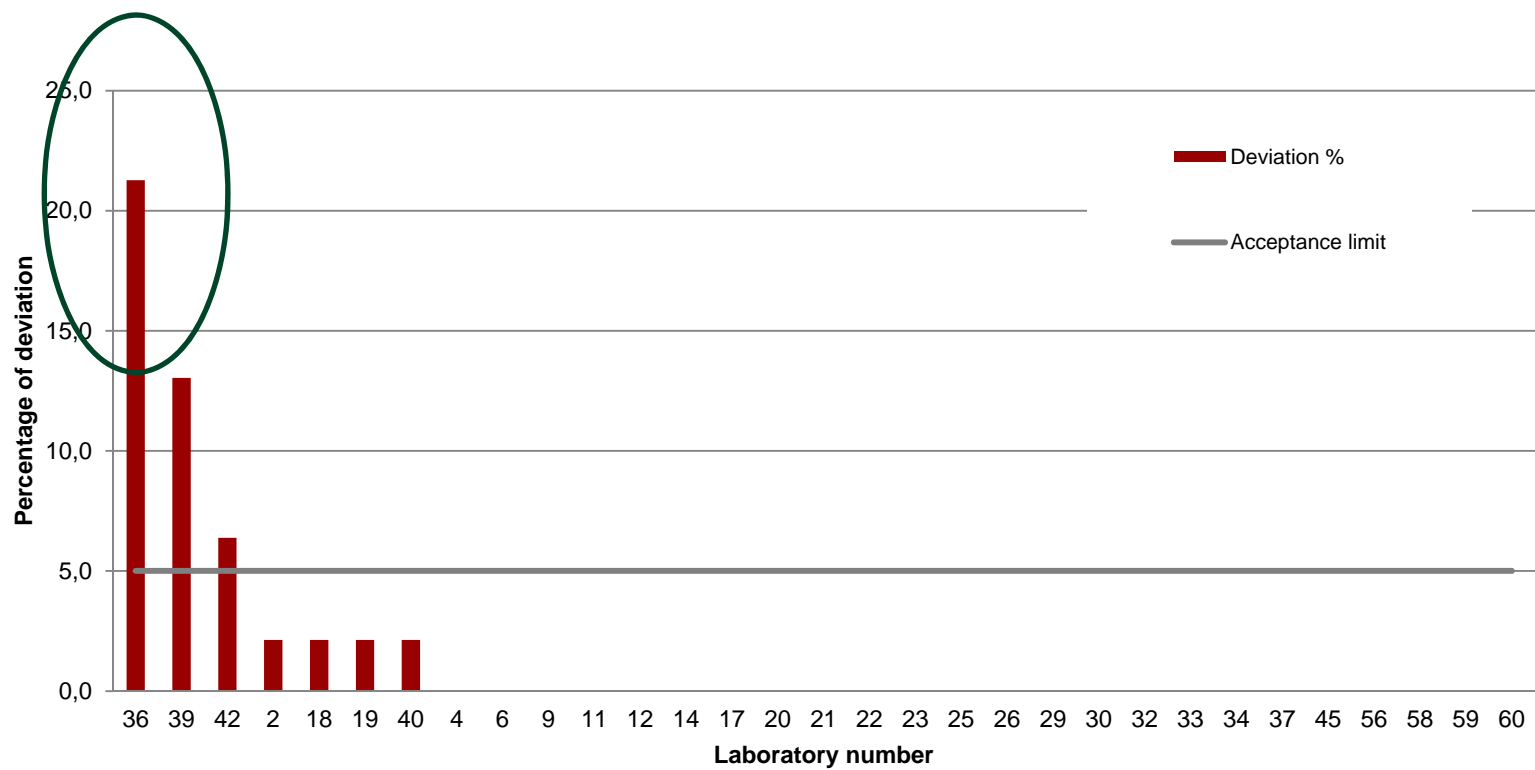
C-10.4/tetracycline excluded (74% expected interpretations)



Expected MIC: 2 mg/L
Expected Interpretation: S



Campylobacter results – pr. lab



INSTITUTE FOR DIAGNOSIS AND ANIMAL HEALTH

- National reference institution for animal health and welfare, public health protection against zoonoses and environment protection
- Including 33 NRLs
- **NRL for Monitoring Antimicrobial Resistance in Animals**
- NRL for Salmonellosis in Animals
- NRL for Tuberculosis and Paratuberculosis
- NRL for Campylobacteriosis in Animals
- NRL for Anthrax
- NRL for Brucellosis
- NRL for Contagious Bovine Pleuropneumonia



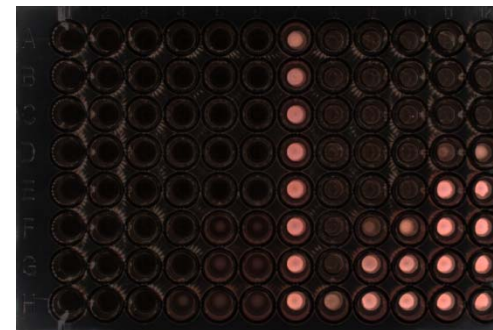
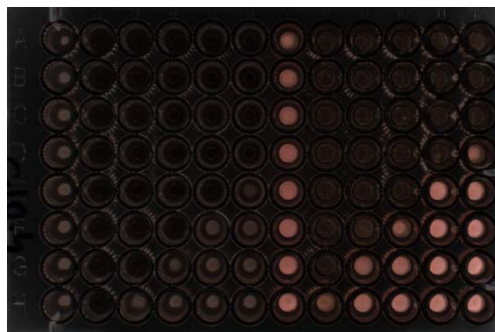
NRL AR Romania - benefits from EQAS participations

- External Quality Assurance of the accredited method
- Improvement of the performance (new team) and method validation
- Acces to the relevant control strains for the laboratory collection
- Detection and correction of the deviations, if needed, with the support of the EURL team
- Experience in the organisation of national proficiency tests
- Possible topics for further research and colaboration



NRL AR Romania - EQAS 2015 Campylobacter

- Validation of the method - internal reproducibility for all strains
- Identical values /one - fold dilution difference, but with the same categorisation (R/S) for strains/antimicrobial combination
- C 10.4 – problematic strain for TET - MICs - 2 mg/l and 4 mg/l;
– tested four time for repetability and reproducibility (75% - 2 mg/l; 25% - 4 mg/l)



Acknowledgements

EURL-AR team for the slides, the organisation EQA
and all their support!



Thank you very much for listening!