



GENERAL DISCUSSION ABOUT PTS 2018 AND 2019

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EURL-*Campylobacter* workshop 2018

FINAL RESULTS

- Final results (which are used for calculation of performance) will be asked for earlier in the Questback survey
- Please check your results as they are e-mailed to you
- You can change your replies until last day of participation
- No results will be changed after the last day of participation
- Please check preliminary report to make sure we have not made mistakes

CHANGES PTS 2018 AS COMPARED TO BEFORE

- Allowed for participants to select **methodology** (although ISO 10272 was recommended)
- PT 'enumeration' was mandatory (due to introduction of the process hygiene criterion) but PT 'detection' was **voluntary** (due to repeatedly good results)
- **Freeze dried *Campylobacter*** was used for PT 'detection' in order to get more stable samples (will also allow to get closer to the detection limit)
- Introduction of **educational samples**

INTRODUCTION OF EDUCATIONAL SAMPLES

- All participants of PT22 participated also in educational samples
- Informative for the EURL
- Was it valuable for you and should we continue with this?

PROFICIENCY TEST NO. 23

- Enumeration (and voluntary detection and species identification) of *Campylobacter* in **chicken meat**
- The matrix will be naturally contaminated (non-sterilized)
- *Campylobacter* and other bacteria relevant to the matrix will be provided in freeze dried format to be inoculated by the participants
- Participation will be mandatory

PROFICIENCY TEST NO. 24

- Detection and species identification of *Campylobacter* in **boot sock samples**
- The matrix will be produced to mimic naturally contaminated boot sock samples (non-sterilized)
- *Campylobacter* and other bacteria relevant to the matrix will be provided in freeze dried format to be inoculated by the participants
- Mandatory participation?

PT25 – A PILOT PT FOR SUBTYPING

- Participation is not mandatory
- PT25 will include 10 samples of purified DNA of *Campylobacter jejuni*
- Methodology to be used: MLST and/or WGS
- Data to submit: information about methods, ST-type (performance based upon those results), sequence raw data and assembly files (in case of assembly), figures of cluster-analysis

PT25 SUBTYPING: SCENARIO

A hypothetical scenario:

- Several cases of campylobacteriosis have been reported from patients who have consumed raw milk purchased from the same vending machine.
- Upon analysis of the milk, two *Campylobacter jejuni* strains are isolated.
- There are 10 different farms that deliver milk sold in the vending machine.
- Milk filters are collected from the 10 different farms and 8 *Campylobacter jejuni* isolates are obtained altogether from farm A, B and C.
- Questions to be answered by the laboratory:
 - Which ST-types does the 10 isolates belong to?
 - Does any of the isolates from the milk filters sampled at the farms match the isolates in the milk from the vending machine?

TIME PLAN FOR 2019



- All tests (PT23–PT25) will be sent at the same time
- Date for dispatch 11th of March?
- Survey PT23 and PT24 close at 15th of April
- Survey PT25 (subtyping) closes at 1st of June