



**Welcome to the 16th EURL-*Campylobacter*
workshop 2021, webconference**

Hanna Skarin, EURL-*Campylobacter*

AT THE 16TH EURL-CAMPYLOBACTER WORKSHOP

- 68 registered participants
- From NRLs in all 27 MS
- From NRLs in 3 EFTA (European free trade association) countries
- From 2 candidate and pot. candidate countries
- From EC DG SANTE
- From EFSA
- From ECDC
- From SSI, DK
- From EURL-*Campylobacter*



ROLL CALL OF DELEGATES

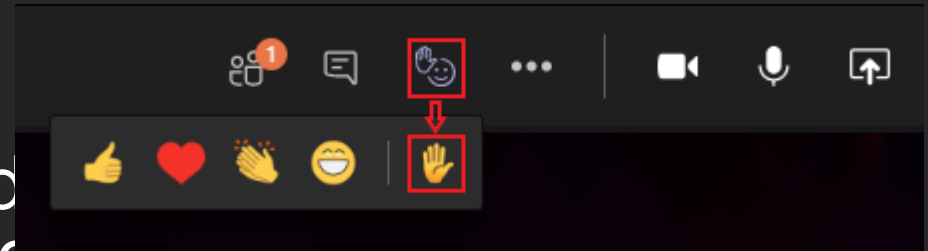
- Your names will be read from the list of registered participants
- Please turn on your camera and microphone and reply to the call

WORKSHOP GUIDELINES

- Please MUTE yourself when not speaking
- Please turn OFF the camera when not speaking, but ON when speaking
- Presenters will share their own screen to show their presentation. Stop the presentation after questions

WORKSHOP GUIDELINES

- Ask questions or leave comments at any time in the chat forum (everyone will be able to read) OR by private e-mail to Sevinc



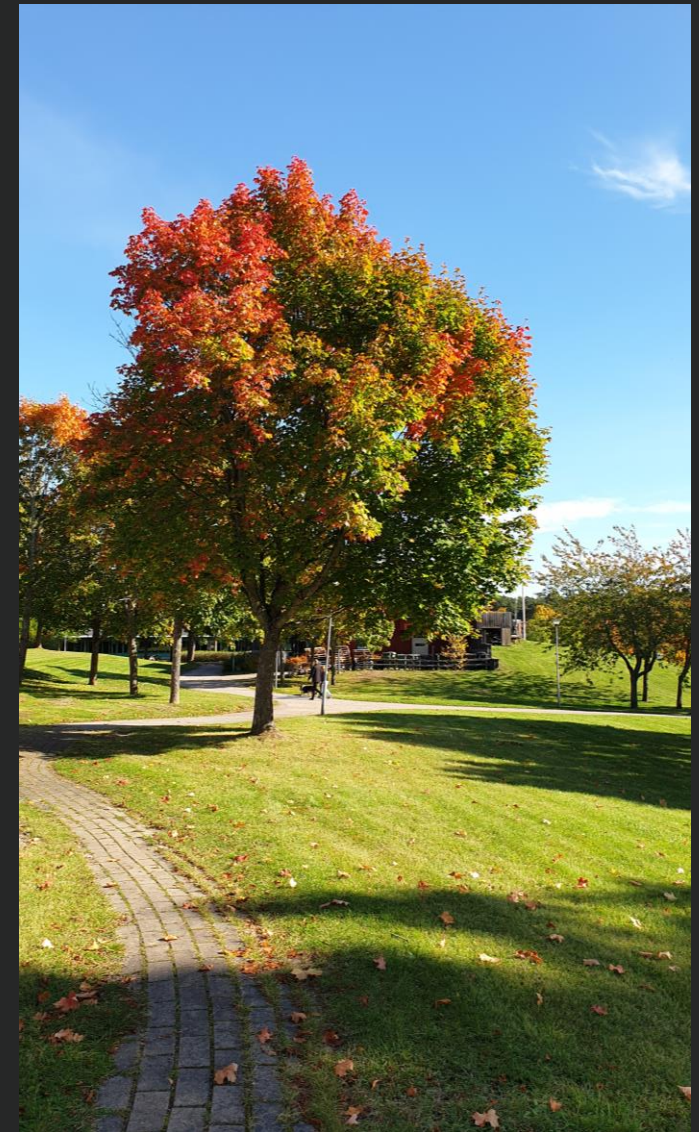
- Questions can also be posed after the presentation. Please use the raised hand

- Teams support: contact Ásgeir

- Contact details to Sevinc and Ásgeir can be found in the workshop programme information

WORKSHOP GENERAL INFORMATION

- Presentations on the EURL website
- Workshop report produced in October
- Check the list with NRL-contact information during lunch
 - Sign OK if all contact details are correct
 - Please also indicate what type of samples you analyse (food/animal/feed)
- Group photo before second break
- The link to the workshop evaluation will be sent out at the end of the workshop



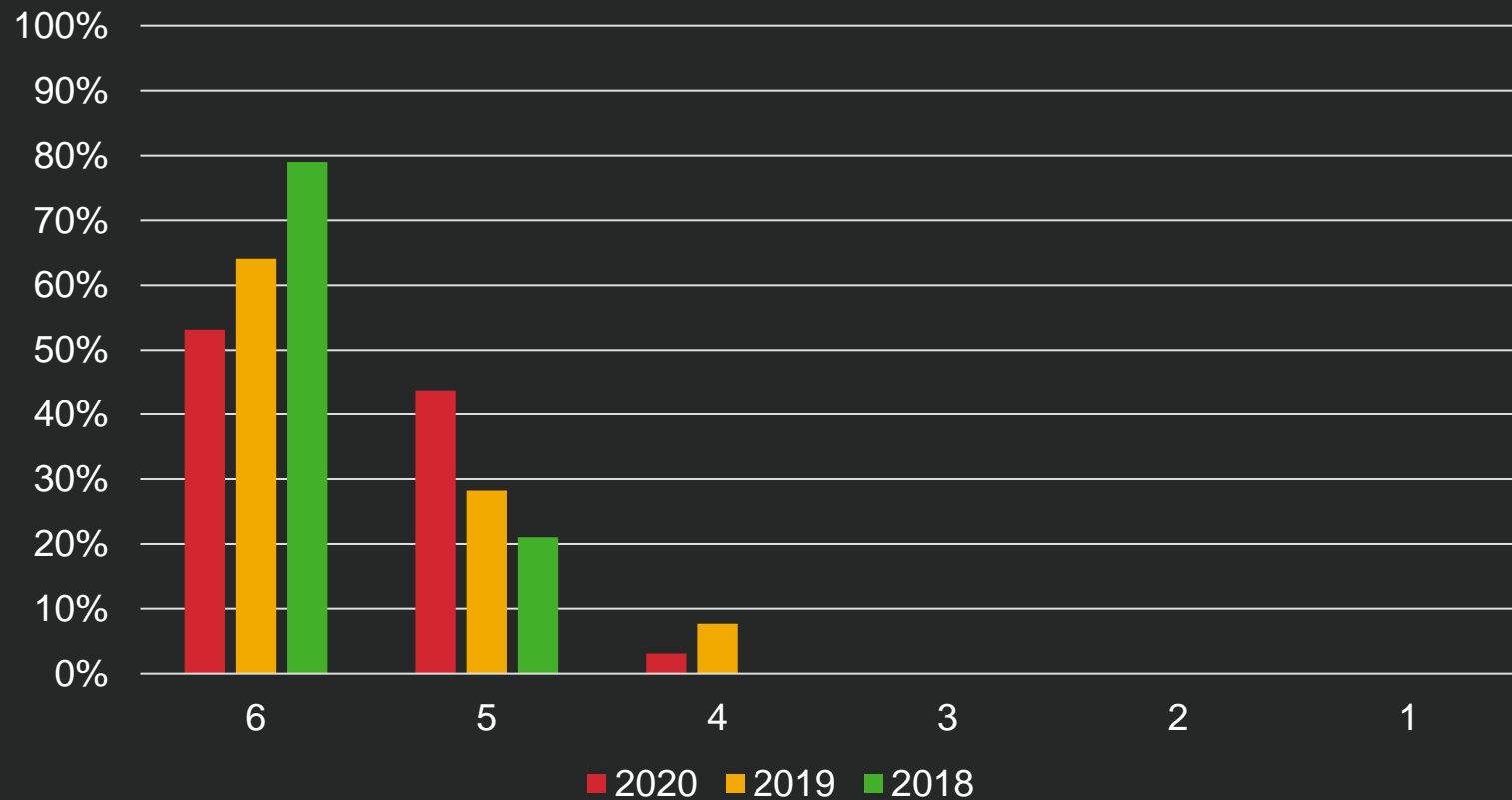
EVALUATION *EURL-* *CAMPYLOBACTER* WORKSHOP 2018-2020

- 2018: 2 day workshop Uppsala
- 2019: 1 day workshop Uppsala (followed by training course)
- 2020: 2 day workshop Online

The scale of the evaluation was from 1 (poor) to 6 (excellent)

- 2018: 2 day workshop Uppsala
- 2019: 1 day workshop Uppsala
- 2020: 2 day workshop Online

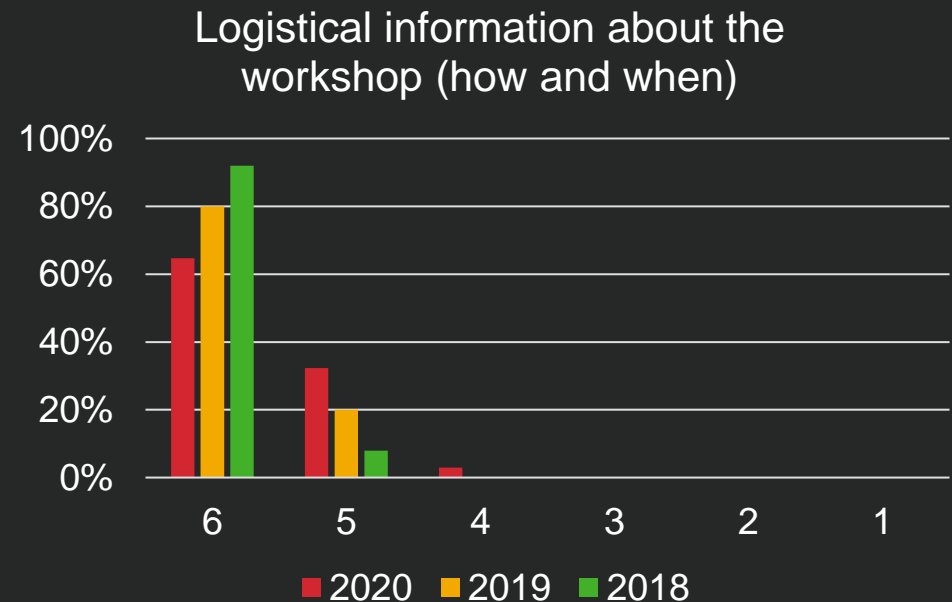
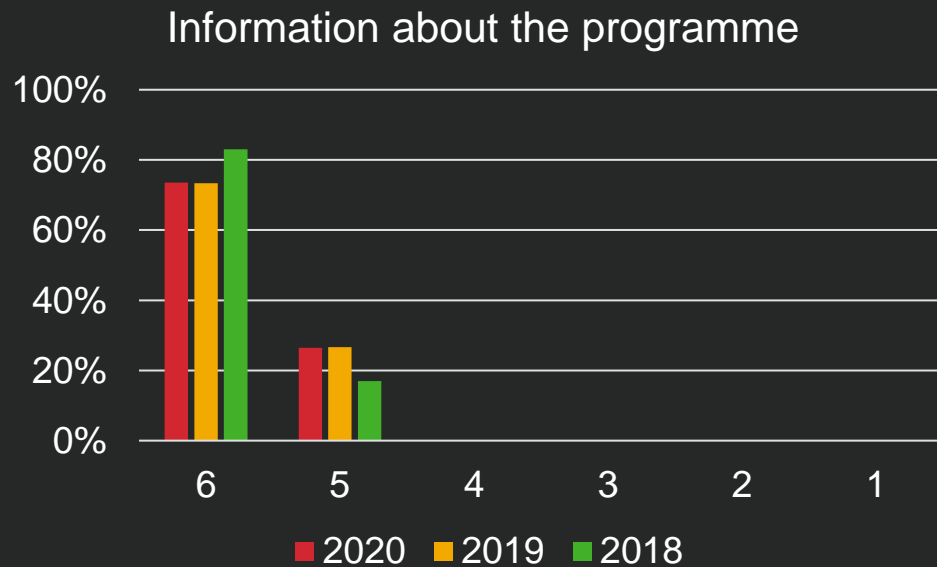
General opinion of the workshop



The scale of the evaluation was from 1 (poor) to 6 (excellent)

The information provided before the workshop

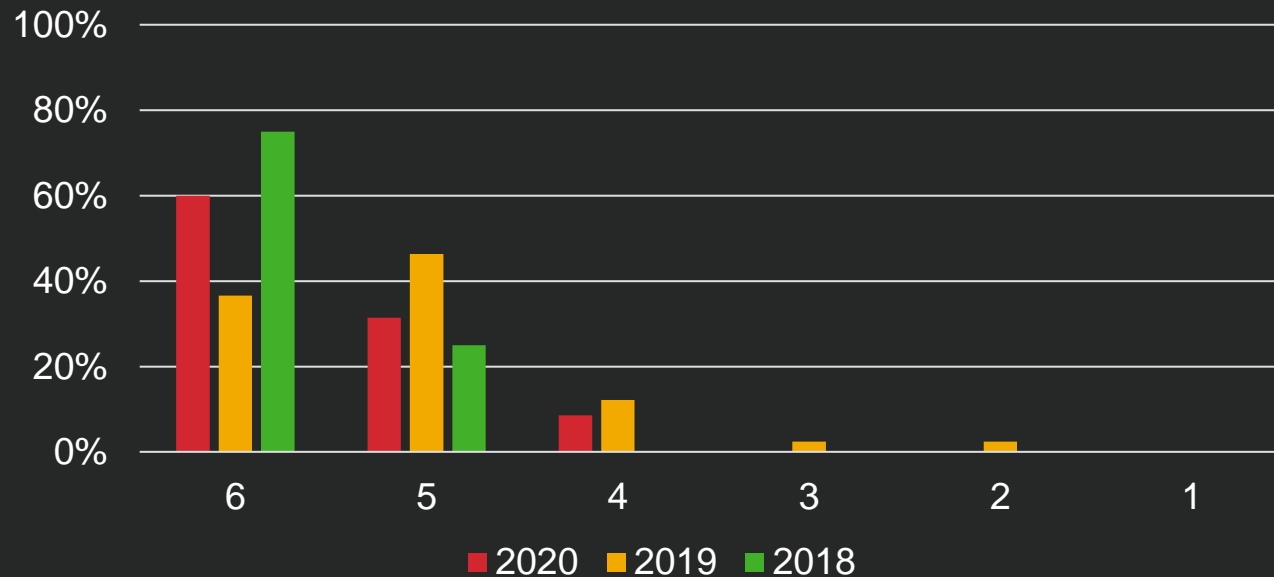
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The scale of the evaluation was from 1 (poor) to 6 (excellent)

- 2018: 2 day workshop Uppsala
- 2019: 1 day workshop Uppsala
- 2020: 2 day workshop Online

Time allocated for the workshop (total length)



Comments 2020:

- Day 2 rushed, more time needed for discussion
- Too much with a full day online

The scale of the evaluation was from 1 (poor) to 6 (excellent)

DIGITAL WORKSHOP

Advantages:

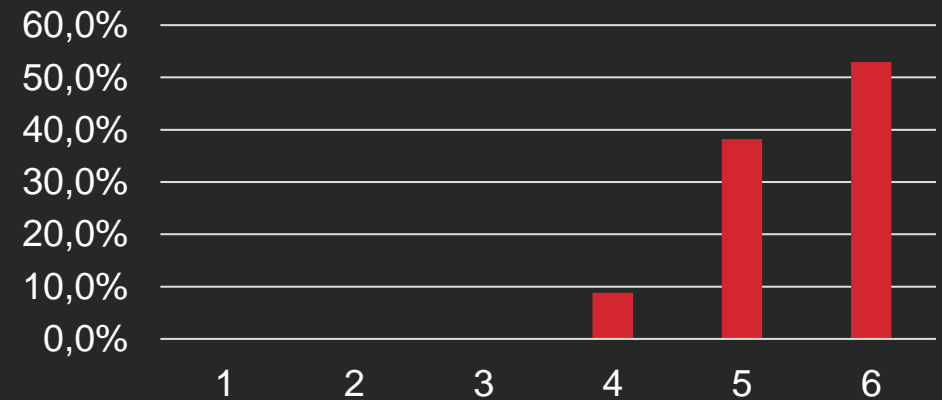
- An advantage was that colleagues could sit in on some of the presentations.
- The less air miles used is good for the environment.
- Without the travel saves time.

Disadvantages:

- Miss the informal discussions and opportunity to discuss issues further in breaks and social dinners.
- Online sessions more tiring compared to physical meetings.

The scale of the evaluation was from 1 (poor) to 6 (excellent)

How would you rate the Platform Microsoft Teams



Suggestions for future:

- Alternate between physical meeting/webmeeting
- Allow hybrid meetings

EURL WORK PROGRAMME 2021-2022

- Normally submitted to DG SANTE in autumn year before the actual period.
- But, due to late adoption of the new Single Market Program (SMP) for the years 2021-2027 by the Council and the European Parliament, the grant applications for EURL work programmes were delayed.
- January 2021: desk officer informally agreed with *Campylobacter* work program 2021.
- 15th September 2021: formal submission of EURL work programmes for 2021-2022.
- The EURLs use the same template for the work programmes, follows Regulation (EU) 625/2017, Article 94.

ACTIVITY 1. TO ENSURE AVAILABILITY AND USE OF HIGH QUALITY METHODS AND TO ENSURE HIGH QUALITY PERFORMANCE BY NRLS

- **Sub-activity 1.1 Organisation of proficiency tests (PTs)**

To be covered in the workshop

- **2021 Organisation of 2 PTs**

- Enumeration of *Campylobacter* in a food sample
- Detection of *Campylobacter* in a food/animal sample

- **2022 Organisation of 3 PTs**

- Enumeration of *Campylobacter* in a food sample
- Detection of *Campylobacter* in an animal sample
- WGS and cluster analysis of *Campylobacter*

ACTIVITY 1. TO ENSURE AVAILABILITY AND USE OF HIGH QUALITY METHODS AND TO ENSURE HIGH QUALITY PERFORMANCE BY NRLS

- **Sub-activity 1.2 Methods for laboratory analysis**

- Validation of PCR systems for confirmation and/or spp. identification of *Campylobacter*. *To be covered in the workshop*
- Detection of *Campylobacter* in raw milk *To be covered in the workshop*
- Harmonised protocol for isolation of *Campylobacter* for antimicrobial resistance monitoring
- Validating ISO 10272:2017 for “broad range of foods”
- Genotyping methods
- Measurement uncertainty

VALIDATING ISO 10272:2017 FOR “BROAD RANGE OF FOODS”

- According to the guidance document (21-01-19) for implementation of EN ISO 16140-3*, there will be a transition period until 2027-12-31, after which only **validated** reference methods can be verified. This means that from 2028 individual laboratories will have to validate non-validated reference methods themselves before implementation in their laboratory.
- ISO/ TC 34/ SC 9/AHG recommends validation of ISO 10272:2017 part 1 and 2 to be completed with the category “fresh produce and fruits” in order to have a complete validation for “broad range of foods”.
- ISO/TC 34/SC 9 has recently launched a consultation to CEN/TC 463 members to set a program for the validation of standardized reference methods that are not yet validated or not fully validated.
 - We will propose to perform the validation 2023 or later (if agreed by DG SANTE in next upcoming work programme). But preparations ongoing 2021 and 2022.

To be covered in the workshop

GENOTYPING METHODS

- EURLs working group (WG) for NGS
 - Working group exists of 8 biological EURLs (AMR, *Campylobacter*, *E. coli*, *Listeria monocytogenes*, Parasites, *Salmonella*, CPS, Foodborne Viruses).
 - Produced guidance documents for benchmarking, and cluster analysis of WGS data, but also inventories and reference collections
 - Published on the websites of each EURL
 - EURL-*Campylobacter* task leader of the guidance document for cluster analysis. Will be updated in 2022.
- Keeping updated on methodology

To be covered in the workshop

MEASUREMENT UNCERTAINTY

- EURLs WG for Measurement uncertainty (MU)
 - WG consists of 3 EURLs (*Campylobacter*, *Lm*, CPS)
- The tasks of the WG;
 - Study for Matrix uncertainty together with associated networks of NRLs. The aim is to jointly produce a list of estimated values for matrix uncertainty for relevant matrices. *July-October 2021*
 - Guidance document for implementation of Standard EN ISO 19036:2019 for the estimation of measurement uncertainty associated with the enumeration of *Lm*, CPS and *Campylobacter* in the food chain.
 - Guidance to estimate MU and to acceptable MU values (based on values obtained from PTs and ISO trials- but not *Campylobacter*). To follow-up on the applicability of the values to *Campylobacter*, we will include questions about MU in the upcoming PTs for enumeration.
 - NRL commenting 2021-09-30 to 2021-11-30.
 - Provide training for measurement uncertainty

2. TO PROVIDE SCIENTIFIC AND TECHNICAL ASSISTANCE TO NRLS

- **Sub-activity 2.1 Workshop**
 - One workshop per year
- **Sub-activity 2.2 Training activities**
 - Training course 2022: Introduction to bioinformatics for whole genome sequencing data (Joint training: EURLs WG for NGS)
 - Training course 2022: Measurement uncertainty (Joint training: EURLs WG for Measurement uncertainty)
 - Training course 2022: ISO 10272:2017
- **Sub-activity 2.3 Scientific advice and support to NRLs**
 - EURL Website
 - Confirmatory testing and reference strains
 - Guidance documents (EURLs WG NGS/MU)
 - Ad hoc support (assistance through e-mail or phone, training or on-site visit)

3. TO PROVIDE SCIENTIFIC AND TECHNICAL ASSISTANCE TO THE EUROPEAN COMMISSION AND OTHER ORGANISATIONS

- **Sub-activity 3.1** Scientific advice and technical assistance to the European Commission, other EU agencies and laboratories in member states and third countries
- **Sub-activity 3.2** Participation in CEN/ISO standardisation activities;
 - ISO/TC34/SC9/WG3 ‘Method validation’;
 - CEN/TC 463/WG3 ‘*Campylobacter*’;
 - Contribute to commenting and voting on other relevant standards within ISO/TC 34/SC 9 and CEN/TC 463

To be covered in the workshop

4. REAGENTS AND REFERENCE COLLECTIONS

- **Sub-activity 4.1 Reference collections**
 - Maintain and update reference collection of strains
 - Maintain and update reference collection of WGS data (EURLs WG for NGS)
 - Produce reference materials for PTs and other EURL studies



ON THE PROGRAM

- Day 1: 9.30-16.00 (CEST)
 - Lunch 13-14.30, two short breaks
- Update on *Campylobacter* in the EU, based on the EU One Health Zoonoses 2019 report
- Introduction of a new *Campylobacter* laboratory network: FWD AMR-RefLabCap
- Update relevant activities within ISO/CEN
- Organisation and results of PTs 2021 (+ PT28) and future PTs
- Results from the collaborative study 'Detection of *Campylobacter* in raw milk'

ON THE PROGRAM

- Day 2: 9.30-12.00 CEST
 - One short break
- Presentation of the “pre-workshop survey” sent out to all NRL contact persons
- NRL-presentation on organization of PTs
- Break-out session with group discussions
- Current list of *Campylobacter* spp.
- NRL-presentation on *C. hepaticus*