



1st Joint EURL webinar on Estimation of measurement uncertainty for the enumeration of bacteria in food

Co-organised by EURLs for
Campylobacter
Coagulase + Staphylococci
Listeria monocytogenes

14 December 2022
Online, Teams

- **2019: EN ISO 19036**
“Microbiology of the food chain — Estimation of measurement uncertainty for quantitative determinations”
- **Purpose: to share & harmonise EURLs activities on MU for enumeration of bacteria**
 - 2021: Set-up inter-EURLs WG on Measurement Uncertainty (MU)
 - 2021-2022: Matrix uncertainty study
 - Up to June 2022: drafting, reviewing by NRLs and approval by PAFF Committee of the EURLs guidance
 - Since June 2022: organisation of training and webinar



- **Online crew:**
 - *Campylobacter* (SVA, SE): **Hanna Skarin, WG convenor > 01/2022**, Elina Lahti, Helena Höök, Gunnar Andersson
 - CPS (ANSES-LFS, SBCL Unit, FR): Abakabir-Mahamat Abdelrahim
 - *Listeria monocytogenes* (ANSES-LFS SEL Unit , FR): Adrien Asséré, Léna Barre, Ludivine Bonanno
 - **Bertrand Lombard, WG convenor from 02/2022**

| Hours | Presentation | Tutor |
|---------------|--|--------------------------------|
| 9:00 – 9:10 | Opening | Bertrand LOMBARD |
| 9:10 – 9:25 | Introduction to EN ISO 19036 & EURLs guidance document | Bertrand LOMBARD |
| 9:25 – 10:05 | Technical uncertainty + examples (30min) Q&A | Abdel ABDELRAHIM |
| 10:05 – 10:45 | Matrix uncertainty & EURLs/NRLs collaborative study (30min) Q&A | Léna BARRE Gunnar ANDERSSON |
| 10:45 – 11:00 | Break | |
| 11:00 – 11:45 | Distributional uncertainty (30min) Q&A | Gunnar ANDERSSON |
| 11:45 – 11:55 | MU estimation from the 3 components and MU expression in test reports Q&A | Bertrand LOMBARD |
| 11:55 – 12:00 | Conclusion | Bertrand LOMBARD |