

Quality Assurance in Chemical, Medical and Microbiological Laboratories

Scientific Workshop in connection with EURACHEM General Assembly 2024

Hilton Garden Inn Vilnius City Centre,
Gedimino pr. 44B, 01110 Vilnius, LITHUANIA



WORKSHOP PROGRAM

13 May, 2024

9:00 **Registration**

9:30 **Opening of the Workshop**

9:30 **Welcome address - Evaldas NAUJALIS** (EURACHEM-Lithuania);

9:40 Introduction to EURACHEM. **Vicki BARWICK** (EURACHEM Past-Chair)

10:00 – 12:30 **Session 1: Equipment, Software and Method Validation**

Session Chair – Eugenia Eftimie Totu

10:00 **1.1** The Background to equipment and system qualification and the practical implications. **Ernst HALDER** (EURACHEM-Switzerland, EURACHEM Analytical Equipment and System Qualification Working Group Chair, Switzerland)

10:30 **1.2** Method validation – how much do I need to do? Incorporating the concept of risk assessment. **Helen CANTWELL** (EURACHEM Method Validation Working Group Chair, Ireland) and **Pieter DEHOUCK** (European Commission Joint Research Centre, EC JRC)

11:00 – 11:30 **Coffee break and networking**

11:30 **1.3** Planning method validation studies. **Vicki BARWICK** (EURACHEM Past-Chair, LGC Ltd.,UK)

12:00 – 12:30 **Contributed talks and questions:**

1.4 Comparison of CIR (EU) 2021/808 with Decision 2002/657 EC for method validation throughout the determination of *coccidiostats* in milk. **Marios G. KOSTAKIS** (National and Kapodistrian University of Athens, Greece)

1.5 The relevance of inter-laboratory tests for analytical methods validation in a multisite laboratory. **Augusta De SANTIS** (Italian Customs and Monopolies Agency, Italy)

12:30 – 13:30 **Lunch**

13:30 – 16:30 **Session 2: Metrological Traceability and Uncertainty Evaluation**

Session Chair – Evaldas Naujalis

13:30 **2.1** NORDTEST Approach for the evaluation of the measurement uncertainty. Using of MUKIT Software. **Teemu NÄYKKI** (EURAMET TC-MC Chair, SYKE, Finland)

14:00 **2.2** Uncertainty of Qualitative Analysis: applications for routine laboratories. **Ricardo BETTENCOURT DA SILVA** (EURACHEM Qualitative Analysis Working Group Chair, CITAC Vice-Chair, University of Lisbon, Portugal)

14:30 **2.3** Evaluation of uncertainty in microbiological analysis applied to medicines. **Felipe Rebello LOURENÇO** (Faculty of Pharmaceutical Sciences, University of São Paulo, Brazil)

14:30 – 15:00 **Group Photo**
Coffee break and networking

15:00 – 16:30 **Panel discussion and questions**

16:30 – 17:00 **Poster Session**

17:00 – **Workshop Reception**

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14 May, 2024

9:00 **Opening of the Day 2**

9:00 - 9:10 **Welcome address:** Evaldas Naujalis (EURACHEM-Lithuania)

9:10 – 12:00 Session 3: Internal Quality Control (IQC)

Session Chair – Vicki Barwick

9:10 **3.1** Internal Quality Control – Nordtest TR569. **Bertil MAGNUSSON** (Co-Author of Nordtest guides; Trollboken, Sweden;)

9:40 **3.2** Quality control in microbiology: current practices and feedback from laboratories in France. **Olivier MOLINIER** (Expert for the AFNOR T90 D commission- Water microbiology; Expert member of the ISO TC147/SC4 commission- Water quality - microbiological methods - Liaison with TC34/SC9/WG2 - Food products - Microbiology – Statistics; AGLAE, France)

10:10 – 10:40 *Coffee break and networking*

10:40 – 11:20 Contributed talks and questions

3.3 New in-house Reference Material for Quality Control of Trace Elements in Food. **Koen OOSTERLINCK** (SCIENSANO- Belgian Institute of Health, Belgium)

3.4 Assuring the quality and integrity of test results in dewatering projects in the construction industry. **Aristos LOUCAIDES** (Aristos Loucaides Chemical Laboratory Ltd., Cyprus)

11:20 – 12:00- **Panel discussion**

12:00 – 13:00 *Lunch*

13:00 – 16:00 Session 4: Proficiency Testing (PT) / External Quality Assessment (EQA)

Session Chair – Ernst Halder

13:00 - 13:30 **4.1** Current practice and future directions in Proficiency Testing – a reflection on discussions at the 10th EURACHEM PT Workshop. **Brian BROOKMAN** (EURACHEM PT Working Group Chair,UK)

13:30 - 14:10 Contributed talks and questions

4.2 Use of 5 years of Proficiency Testing for water sampling and in situ non-conservative measurements to estimate measurement uncertainty including sampling **Nathalie GIGUES** (LNE, France)

4.3 Proficiency testing provider: excellent opportunity for a multi-site laboratory. **Valeria MADIAT** (Italian Customs and Monopolies Agency, Italy)

14:10 – 14:30 **Poster Session**

14:30 – 15:00 *Coffee break and networking*

15:00 – 16:00 **Panel discussion**

16:00 *End of the Workshop*