



COST Action FA1408

European Network for Foodborne Parasites in Europe (EURO-FBP)

WG2 Meeting: Guideline development with emphasis on validation, standardisation, and QC

Meeting date: 5th-6th July 2018

Meeting venue:

COST building (see info here: <http://www.cost.eu/service/contact>). The meeting will be in the 'Marie Curie' room on the 15th floor of the Generally Tower, Avenue Louise, 149B.

Local hosts: COST (with some help from Chiara)

Organizers: Christian Klotz (Robert Koch Institute, Germany) and Rachel Chalmers (Public Health Wales, UK)... (and very slightly, Lucy Robertson)

Aim for COST Action: The aim of the meeting is to address parasite-specific issues in the development and validation of detection methods that are not addressed in currently published micro guidance

Output for COST Action: A key outcome will be a guideline for the most important FPB in Europe (as defined by WG1), including/citing the relevant guidelines already existing and relevant for the topic, stating specific issues that are not covered by the other guidelines.

Intangible benefits: dissemination of knowledge regarding current methods, knowledge gaps in the detection of FPB

Programme:

DAY 1: Thursday 5th July 2018

09:00–09:30 Welcome and introductions

09:30-11:15 Synthesis of the information gathered on detection methods – (1 presentation per parasite group – 15 min allocated per parasite for presentation and questions)

Presentation	Parasite	Presenter
1	<i>Echinococcus multilocularis</i> and <i>Echinococcus granulosus</i>	Lucy
2	<i>Toxoplasma gondii</i>	Frank or Gereon
3	<i>Trichinella spiralis</i> and other <i>Trichinella spp.</i>	Anne
4	<i>Cryptosporidium spp.</i>	Stephanie
5	<i>Anisakis</i>	Ivona or Mirek
6	<i>Taenia saginata</i>	Chiara
7	<i>Giardia duodenalis</i>	Marco



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Please can your presentation:

- State which parasite and which foods you reviewed
- Outline the general approach, search terms, and databases used for the literature review
- Provide a brief, critical review of the detection methods and a summary of your findings (are they any good) and key issues identified
- Identify whether further method development or validation is needed for this parasite/food
- And finally - what do you think are the deficiencies in current guidance for method development, if applied to this parasite?

11:15 to 11:30 Coffee

11:30-13:00

Overview and discussions of where we are at by identifying gaps and establish need for FBP guidance (led by Rachel – 45 mins)

1. which parasites/foods need better methods
2. parasite-specific issues that are not addressed in the published guidance

Discussion of how to present the work done so far – papers/publications (led by Christian – 45 mins)

13:00-14:00—Lunch

14:00---17:00 Starting to discuss guidelines..... (led by Rachel)

We will need to consider the key components:

1. Method selection – criteria for this?
2. Define quality goals / performance specifications for accuracy, precision
3. Method evaluation and validation; agree proposed terms¹
4. Implementation

¹ **Evaluation** is the determination of the analytical performance characteristics of a new method.

Validation is confirmation by examination and provision of objective evidence that the particular requirements for a specific intended use can be consistently fulfilled.

Verification is confirmation by examination of objective evidence that specified requirements have been fulfilled.

Demonstration is a minimum evaluation for a laboratory to use to show that it is able to obtain expected results by following the manufacturer's instructions. This is appropriate for test systems whose performance characteristics have been well studied and documented.



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5. Quality control procedures and materials: What QC/reference materials are needed? Who are potential sources and providers of reference materials? Use of internal and external quality controls? Proficiency?
6. Routine analysis
7. Reporting (e.g. reportable range of test results)
8. What to do if there is no gold-standard available
9. Is a ring-trial sufficient and how many participants are required for such a trial? And how should methods that are “validated” with ring-trials in which the participants perform poorly be considered?
10. What else??

Approx. 20:00 Group dinner (see next page)

DAY 2: Friday 6th July 2018

09:00–12:00 Outline of the guidelines / template/ who will do what

12:00–13:00 Lunch

13:00–14:00 Deadlines, wrap up and good bye

The workshop is intended to finish by 2 p.m. on 6th July, so please book your flights / trains accordingly.



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Participation in group meal (evening of day 1): Please let Christian know at once if you do not wish to participate in this. There is no local host (it is COST), so dinner will be at own payment (with regular COST reimbursement)... We are hoping that Chiara will find a good place for us!!

***** Please refer to the COST Vademecum for details on reimbursement claims: see pdf on this page <http://www.cost.eu/participate>**

Important note: In order to be reimbursed by COST, please remember to complete the eCOST TRR on your return home.

Flights

We assume all flights are booked by now!!!

International flights to Brussels airport

International trains to Brussels may be an option for some participants

Note: Air fares claims are **limited to EUR 400**, as agreed at the MCM in Rome in 2017. If your air fare will exceed this, please contact the organisers. Furthermore, airfares over Eur 1200 require formal approval from the COST Association before the ticket is purchased.

Local transport

See information provided here: <http://www.cost.eu/service/contact>

Note: **Claims for taxi trips only eligible for reimbursement between 7 am and 10 pm** when there is a valid reason (no local transport available). Receipt with time and date required.

Accommodation:

Note: accommodation claims limit is set to **EUR 100/per night** for a maximum of 3 nights.

Please see hotel list at this link: <http://www.cost.eu/service/contact>