
BIOHAZ UNIT

Scientific Panel on Biological Hazards

Minutes of the 8th meeting of the Working Group on the evaluation of molecular typing methods for major food-borne microbiological hazards and their use for attribution modelling, outbreak investigation and scanning surveillance

**Held on 15/11/2013 via Web-Conference
(Agreed on 15/11/2013)**

Participants

- **Working Group Experts:**
 - Dorte Lau Baggesen, Patrick Butaye, Robert Davies, Tine Hald, Bjørn-Arne Lindstedt, Eva Møller Nielsen and John Threlfall

- **EFSA:**
 - BIOHAZ Unit: Luis Vivas-Alegre

- **Others:**
 - ECDC: Marc Struelens

1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Arie Havelaar and Martin Maiden.

2. Adoption of agenda

The agenda was adopted without changes.

3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes¹ and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests², EFSA screened the Annual Declaration of interest and the Specific Declaration of interest) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of interest at the beginning of this meeting.

¹ <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

² <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>

4. Scientific topic for discussion

4.1. Draft Opinion on evaluation of molecular typing methods for major food-borne microbiological hazards and their use for attribution modelling, outbreak investigation and scanning surveillance ([EFSA-Q-2013-00032](#)): Part 1 (evaluation of methods and applications)

Key issues of the draft opinion addressing the first two terms of reference were discussed. Concluding remarks for the different chapters were reviewed. Final tasks were identified and distributed.

5. Next meeting

This was the last meeting of the WG. The draft Opinion addressing the first two terms of reference will be presented by the Chair of the WG for possible adoption at the BIOHAZ Panel meeting that will be held on 4 and 5 December 2013.

BIOHAZ UNIT

Scientific Panel on Biological Hazards

Minutes of the 7th meeting of the Working Group on the evaluation of molecular typing methods for major food-borne microbiological hazards and their use for attribution modelling, outbreak investigation and scanning surveillance

**Held on 04/11/2013 via Web-Conference
(Agreed on 04/11/2013)**

Participants

- **Working Group Experts:**
 - Dorte Lau Baggesen, Rob Davies, Arie Havelaar and John Threlfall

- **EFSA:**
 - BIOHAZ Unit: Maria Teresa Da Silva Felicio and Luis Vivas-Alegre

1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Patrick Butaye, Bjørn-Arne Lindstedt, Martin Maiden and Marc Struelens.

2. Adoption of agenda

The agenda was adopted without changes.

3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes¹ and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests², EFSA screened the Annual Declaration of interest and the Specific Declaration of interest) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of interest at the beginning of this meeting.

¹ <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

² <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>

4. Scientific topic for discussion

4.1. Chapters 6 of the draft Opinion on evaluation of molecular typing methods for major food-borne microbiological hazards and their use for attribution modelling, outbreak investigation and scanning surveillance ([EFSA-Q-2013-00032](#))

This was a web-conference organised to discuss key issues of chapter 6 with members of the WG contributing to this chapter. The chapter was discussed in detail, including draft concluding remarks. Tasks were identified and distributed among the WG Experts and EFSA's Secretariat.

5. Next meeting

A further meeting of the WG will be organised via web-conference in order to address overall final issues of the draft Opinion.

BIOHAZ UNIT

Scientific Panel on Biological Hazards

Minutes of the 6th meeting of the Working Group on the evaluation of molecular typing methods for major food-borne microbiological hazards and their use for attribution modelling, outbreak investigation and scanning surveillance

**Held on 18/10/2013 via Web-Conference
(Agreed on 18/10/2013)**

Participants

- **Working Group Experts:**
 - Dorte Lau Baggesen, Tine Hald and Gaia Scavia

- **EFSA:**
 - BIOHAZ Unit: Maria Teresa Da Silva Felicio and Luis Vivas-Alegre

1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Arie Havelaar, Rob Davies and Marc Struelens.

2. Adoption of agenda

The agenda was adopted without changes.

3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes¹ and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests², EFSA screened the Annual Declaration of interest and the Specific Declaration of interest) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of interest at the beginning of this meeting.

¹ <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

² <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>

BIOHAZ UNIT

Scientific Panel on Biological Hazards

Minutes of the 5th meeting of the Working Group on the evaluation of molecular typing methods for major food-borne microbiological hazards and their use for attribution modelling, outbreak investigation and scanning surveillance

**Held on 30/09/2013 and 1/10/2013 Brussels
(Agreed on 03/10/2013)**

Participants

- **Working Group Experts:**
 - Dorte Lau Baggesen, Patrick Butaye, Robert Davies, Tine Hald, Arie Havelaar, Bjørn-Arne Lindstedt, Martin Maiden, Eva Møller Nielsen, Gaia Scavia and John Threlfall.

- **EFSA:**
 - BIOHAZ Unit: Luis Vivas-Alegre.

- **Others:**
 - ECDC: Marc Struelens.

1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies for the second day of the meeting were presented by Tine Hald, Martin Maiden, Gaia Scavia, Marc Struelens and Martin Maiden.

2. Adoption of agenda

The agenda was adopted without changes.

3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes¹ and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests², EFSA screened the Annual Declaration of interest and the Specific Declaration of interest) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of interest at the beginning of this meeting.

¹ <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

² <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>

4. Scientific topic for discussion

4.1. Evaluation of molecular typing methods for major food-borne microbiological hazards and their use for attribution modelling, outbreak investigation and scanning surveillance ([EFSA-Q-2013-00032](#))

The draft Opinion was discussed, with focus on key issues of some of the chapters of the document. Tasks were identified and distributed among the WG Experts and EFSA's Secretariat.

5. Next meeting

Further meetings of the WG will be organised via web-conference in order to address particular issues of the draft Opinion.

4. Scientific topic for discussion

4.1. Chapters 7 and 8 of the draft Opinion on evaluation of molecular typing methods for major food-borne microbiological hazards and their use for attribution modelling, outbreak investigation and scanning surveillance ([EFSA-Q-2013-00032](#))

This was a web-conference organised to discuss key issues of chapters 7 and 8 among the members of the WG contributing to these chapters. Chapter 7 of the draft Opinion was reviewed in detail. Chapter 8 was briefly discussed. Tasks were identified and distributed among the WG Experts and EFSA's Secretariat.

5. Next meeting

Further meetings of the WG will be organised via web-conference in order to address particular issues of the draft Opinion.

BIOHAZ UNIT

Scientific Panel on Biological Hazards

Minutes of the 4th meeting of the Working Group on the evaluation of molecular typing methods for major food-borne microbiological hazards and their use for attribution modelling, outbreak investigation and scanning surveillance

**Held on 05/09/2013, Web-Conference
(Agreed on 05/09/2013)**

Participants

- **Working Group Experts:**
 - Dorte Lau Baggesen, Robert Davies, Tine Hald, Arie Havelaar, Martin Maiden, Eva Møller Nielsen, Gaia Scavia and John Threlfall.

- **EFSA:**
 - BIOHAZ Unit: Ernesto Liebana, Teresa Da Silva Felicio and Luis Vivas-Alegre.
 - BIOMO Unit: Roisin Rooney.

1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies for the first day of the meeting were presented from Patrick Butaye, Bjørn-Arne Lindstedt and Marc Struelens.

2. Adoption of agenda

The agenda was adopted without changes.

3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes¹ and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests², EFSA screened the Annual Declaration of interest and the Specific Declaration of interest) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of interest at the beginning of this meeting.

¹ <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

² <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>

4. Scientific topic for discussion

4.1. Evaluation of molecular typing methods for major food-borne microbiological hazards and their use for attribution modelling, outbreak investigation and scanning surveillance ([EFSA-Q-2013-00032](#))

The draft Opinion was discussed, with focus on key issues of some of the chapters of the document. Tasks were identified and distributed among the WG Experts and EFSA's Secretariat.

5. Next meeting

The next meeting of the WG will be held in Brussels on the 30th of September 2013 and 1st of October.

BIOHAZ UNIT

Scientific Panel on Biological Hazards

Minutes of the 3rd meeting of the Working Group on the evaluation of molecular typing methods for major food-borne microbiological hazards and their use for attribution modelling, outbreak investigation and scanning surveillance

**Held on 08-9/07/2013, Parma
(Agreed on 11/07/2013)**

Participants

- **Working Group Experts:**

- Dorte Lau Baggesen, Patrick Butaye, Robert Davies, Tine Hald, Arie Havelaar (second day only), Bjørn-Arne Lindstedt, Martin Maiden, Eva Møller Nielsen, Gaia Scavia (second day only) and John Threlfall.

- **EFSA:**

- BIOHAZ Unit: Ernesto Liebana, Teresa Da Silva Felicio and Luis Vivas-Alegre.
- BIOMO Unit: Roisin Rooney, Pierre-Alexandre Beloeil.

- **Others:**

- ECDC: Marc Struelens.

1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies for the first day of the meeting were presented from Arie Havelaar and Gaia Scavia.

2. Adoption of agenda

The agenda was adopted without changes.

3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes¹ and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests², EFSA screened the Annual Declaration of interest and the Specific Declaration of interest) filled in by the experts invited for the present meeting. No conflicts of

¹ <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

² <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>

interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of interest at the beginning of this meeting.

4. Scientific topic for discussion

4.1. Evaluation of molecular typing methods for major food-borne microbiological hazards and their use for attribution modelling, outbreak investigation and scanning surveillance ([EFSA-Q-2013-00032](#))

The draft Opinion was discussed, with focus on the structure built to reply to the terms of reference of the mandate. Tasks were identified and distributed among the WG Experts and EFSA's Secretariat.

5. Next meeting

The next meeting of the WG will be held via web-conference on the 5th of September 2013.

BIOHAZ UNIT

Scientific Panel on Biological Hazards

Minutes of the 2nd meeting of the Working Group on the evaluation of molecular typing methods for major food-borne microbiological hazards and their use for attribution modelling, outbreak investigation and scanning surveillance

**Held on 08/05/2013, Web conference
(Agreed on 14/05/2013)**

Participants

- **Working Group Experts:**
 - Dorte Lau Baggesen, Patrick Butaye, Robert Davies, Tine Hald, Bjørn-Arne Lindstedt, Martin Maiden (via web-conference), Eva Møller Nielsen and John Threlfall.

- **EFSA:**
 - BIOHAZ Unit: Ernesto Liebana, Teresa Da Silva Felicio and Luis Vivas-Alegre.
 - BIOMO Unit: Roisin Rooney.

- **Others:**
 - ECDC: Marc Struelens.

1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Arie Havelaar

2. Adoption of agenda

The agenda was adopted without changes.

3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes¹ and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests², EFSA screened the Annual Declaration of interest and the Specific Declaration of interest) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of interest at the beginning of this meeting.

¹ <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

² <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>

4. Scientific topic for discussion

4.1. Evaluation of molecular typing methods for major food-borne microbiological hazards and their use for attribution modelling, outbreak investigation and scanning surveillance ([EFSA-Q-2013-00032](#))

The approach to the mandate was discussed by the WG Experts. A preliminary table of contents was drafted. Tasks were identified and distributed among the WG Experts and EFSA's Secretariat.

5. Next meeting

The WG Experts agreed to hold a meeting in Parma in July 2013.

BIOHAZ UNIT

Scientific Panel on Biological Hazards

Minutes of the 1st meeting of the Working Group on the evaluation of molecular typing methods for major food-borne microbiological hazards and their use for attribution modelling, outbreak investigation and scanning surveillance

**Held on 08/03/2013, Parma
(Agreed on 11/03/2013)**

Participants

- **Working Group Experts:**
 - Dorte Lau Baggesen, Patrick Butaye, Robert Davies, Tine Hald, Arie Havelaar, Bjørn-Arne Lindstedt, Martin Maiden (via web-conference), Eva Møller Nielsen and John Threlfall.

- **EFSA:**
 - BIOHAZ Unit: Ernesto Liebana, Teresa Da Silva Felicio and Luis Vivas-Alegre.
 - BIOMO Unit: Roisin Rooney.

- **Others:**
 - ECDC: Marc Struelens.

1. Welcome and apologies for absence

The Chair welcomed the participants. All WG Experts attended the meeting, with Martin Maiden joining via web-conference during the morning discussions.

2. Adoption of agenda

The agenda was adopted without changes.

3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes¹ and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests², EFSA screened the Annual Declaration of interest and the Specific Declaration of interest) filled in by the experts invited for the present meeting. No conflicts of

¹ <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

² <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>

interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of interest at the beginning of this meeting.

4. Scientific topic for discussion

4.1. Evaluation of molecular typing methods for major food-borne microbiological hazards and their use for attribution modelling, outbreak investigation and scanning surveillance ([EFSA-Q-2013-00032](#))

The approach to the mandate was discussed by the WG Experts. A preliminary table of contents was drafted. Tasks were identified and distributed among the WG Experts and EFSA's Secretariat.

5. Next meeting

The WG Experts agreed to hold a meeting via web-conference in early May 2013.