



Introduction to the event and EFSA activities on *Listeria monocytogenes* in ready-to-eat foods

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Stakeholder meeting, 19-20 Sep 2017

**EFSA activities on *Listeria monocytogenes*
in ready-to-eat foods**

EU-WIDE BASELINE SURVEY

- To estimate the EU prevalence (and contamination levels) of *L. monocytogenes* in three RTE food categories at retail
 - ✓ packaged (not frozen) smoked or gravad fish: 10.3%
 - ✓ packaged heat-treated meat products: 2.07%
 - ✓ soft or semi-soft cheese: 0.47%
- Conducted in 2010 and 2011

SCIENTIFIC REPORT OF EFSA

Analysis of the baseline survey on the prevalence of *Listeria monocytogenes* in certain ready-to-eat foods in the EU, 2010-2011
Part A: *Listeria monocytogenes* prevalence estimates¹

European Food Safety Authority^{2,3}

European Food Safety Authority (EFSA), Parma, Italy

SCIENTIFIC REPORT OF EFSA

Analysis of the baseline survey on the prevalence of *Listeria monocytogenes* in certain ready-to-eat foods in the EU, 2010-2011
Part B: analysis of factors related to prevalence and exploring compliance¹

European Food Safety Authority^{2,3}

European Food Safety Authority (EFSA), Parma, Italy

OUTSOURCING ACTIVITIES

“Closing gaps for performing a risk assessment on *L. monocytogenes* (*Lm*) in RTE foods”

Activity 1: an extensive literature search and study selection with data extraction on *Lm* in a wide range of RTE foods

- NP/EFSA/BIOCONTAM/2015/04-CT1
- 3/11/2015-2/10/2016

EXTERNAL SCIENTIFIC REPORT



APPROVED: 28 November 2016
doi:10.2903/sp.efsa.2016.EN-1141

Closing gaps for performing a risk assessment on *Listeria monocytogenes* in ready-to-eat (RTE) foods: activity 1, an extensive literature search and study selection with data extraction on *L. monocytogenes* in a wide range of RTE food

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Activity 2: a quantitative risk characterization on *Lm* in RTE foods; starting from the retail stage

- OC/EFSA/BIOCONTAM/2014/02-CT1
- 1/10/2014-31/01/2017

EXTERNAL SCIENTIFIC REPORT



APPROVED 31 May 2017
doi:10.2903/sp.efsa.2017.EN-1252

Closing gaps for performing a risk assessment on *Listeria monocytogenes* in ready-to-eat (RTE) foods: activity 2, a quantitative risk characterization on *L. monocytogenes* in RTE foods; starting from the retail stage

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Activity 3: the comparison of isolates from different compartments along the food chain, and in humans using Whole Genome Sequencing

- OC/EFSA/BIOCONTAM/2014/01-CT1
- 7/10/2014-7/10/2016

EXTERNAL SCIENTIFIC REPORT



APPROVED: 13 December 2016
doi:10.2903/sp.efsa.2017.EN-1151

Closing gaps for performing a risk assessment on *Listeria monocytogenes* in ready-to-eat (RTE) foods: activity 3, the comparison of isolates from different compartments along the food chain, and from humans using whole genome sequencing (WGS) analysis

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European Food Safety Authority

The EFSA Journal (2007) 599, 1-42

Request for updating the former SCVPH opinion on *Listeria monocytogenes* risk related to ready-to-eat foods and scientific advice on different levels of *Listeria monocytogenes* in ready-to-eat foods and the related risk for human illness¹

Scientific Opinion of the Panel on Biological Hazards

(Question No EFSA-Q-2007-064)

Adopted on 6 December 2007

CURRENT SCIENTIFIC OPINION

Listeria monocytogenes contamination of ready-to-eat foods and the risk for human health in the EU

- **Oct 2015** – EFSA accepted the self-task mandate proposed by the BIOHAZ panel

BIOHAZ



Panel on Biological Hazards

Experts in epidemiology, microbiology, pathology, and exposure assessment.

DEVELOPMENT OF THE RISK ASSESSMENT

- **Dec 2015** – set up of *ad hoc* WG of experts on *Listeria* supported by four EFSA staff members (AMU, DATA, BIOCONTAM unit)

Name	Role	Affiliation
Roland Lindqvist	Chair	<i>Swedish National Food Agency (Sweden)</i>
Kostas Koutsoumanis	WG member	<i>Aristotle University of Thessaloniki, Greece</i>
Moez Sanaa	WG member	<i>ANSES, France</i>
Panagiotis Skandamis	WG member	<i>Agricultural University of Athens, Greece</i>
Niko Speybroeck	WG member	<i>Université Catholique de Louvain, Belgium</i>
Johanna Takkinen	WG member	<i>ECDC, Sweden</i>
Martin Wagner	WG member	<i>University of Veterinary Medicine Vienna, Austria</i>
Andy Hart	Hearing expert	<i>Fera Science Limited, York, UK</i>
Sophie Roussel	Hearing expert	<i>EURL <i>L. monocytogenes</i>, ANSES, France (until Feb 2017)</i>

DEVELOPMENT OF THE RISK ASSESSMENT

- **Jan 2016-Jul 2017**
 - The *Listeria* WG developed the draft opinion
 - The BIOHAZ Panel discussed the draft opinion and provided feedback to the *Listeria* WG
- **6 Jul 2017** - the draft opinion was endorsed by the BIOHAZ Panel

DRAFT SCIENTIFIC OPINION



ADOPTED: dd mmmm yyyy

doi:10.2903/j.efsa.20YY.NNNN

1 ***Listeria monocytogenes* contamination of ready-to-eat**
2 **foods and the risk for human health in the EU**

3 EFSA Panel on Biological Hazards (BIOHAZ),
4 Antonia Ricci, Ana Allende, Declan Bolton, Marianne Chemaly, Robert Davies, Pablo Salvador
5 Fernández Escámez, Rosina Girones, Lieve Herman, Konstantinos Koutsoumanis, Birgit
6 Nørrung, Lucy Robertson, Giuseppe Ru, Moez Sanaa, Marion Simmons, Panagiotis
7 Skandamis, Emma Snary, Niko Speybroeck, Benno Ter Kuile, John Threlfall, Helene
8 Wahlström, Johanna Takkinen, Martin Wagner, Davide Arcella, Maria Teresa Da Silva Felicio,
9 Marios Georgiadis, Winy Messens and Roland Lindqvist

10 **ENDORSED FOR PUBLIC CONSULTATION ON 6 JULY 2017**

OPENNESS AND TRANSPARENCY

In line with EFSA's policy on openness and transparency

- **Public consultation** of the endorsed draft opinion from 24 Jul - **29 Sep 2017** (online tool via EFSA's website <https://www.efsa.europa.eu/en/consultations/call/170724-0>)

The screenshot displays the EFSA website interface. At the top left is the EFSA logo. To the right, there are links for 'Calendar' and 'english (en)'. A search bar is also present. Below the navigation menu, the page title is 'Public consultation on the draft scientific...'. The main content area is titled 'Public consultation on the draft scientific opinion on Listeria monocytogenes contamination of ready-to-eat foods and the risk for human health in the EU'. It includes a 'Deadline: 29 September 2017' and links for 'Document' (5.75 MB) and 'Privacy statement' (82 KB). A 'Subject area' section highlights 'Biological hazards'. The text below explains that EFSA has launched an open consultation on its draft scientific opinion and invites interested parties to submit written comments by 29 September 2017.

- **Stakeholder meeting** during the public consultation

Introduction to the meeting

To gather feedback on the draft scientific opinion

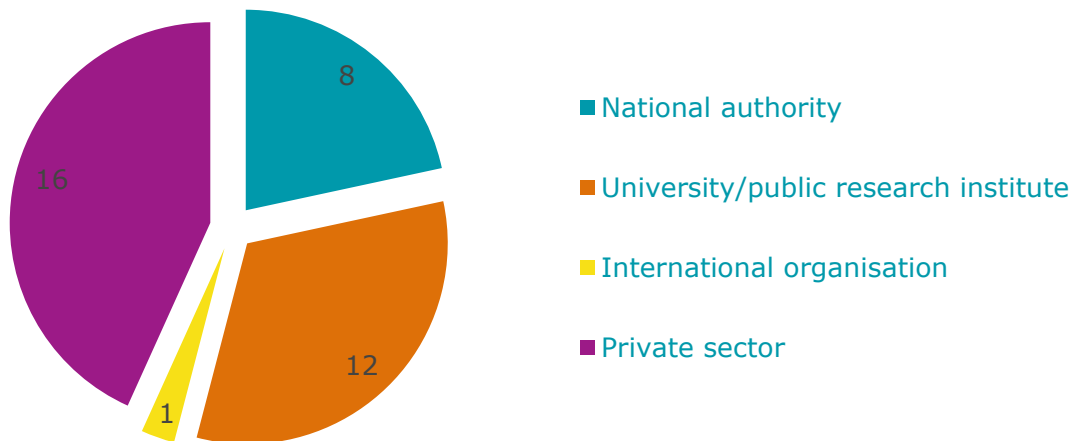
To be achieved by

- presenting the draft opinion
- providing a forum to discuss comments received between contributing parties, scientific experts and EFSA staff
- facilitating that scientific views are well understood by the EFSA experts involved in the risk assessment

Please remember, for transparency reasons, to send your comments that would need to be considered for revising the opinion also through EFSA's website tool for public consultation

AUDIENCE

- 37 registered participants



AGENDA 19 SEP 2017

19 September 2017 (13:00 registration, 14:00-18:00)

13:00-14:00	Registration
14:00-14:15	Introduction to the event and EFSA activities on <i>Listeria monocytogenes</i> in RTE foods
14:15-14:30	EFSA draft opinion on <i>L. monocytogenes</i> in RTE foods: what are the objectives?
14:30-14:40	Questions and Comments
14:40-14:55	Legislation on <i>L. monocytogenes</i> in RTE foods
14:55-15:05	Questions and Comments
15:05-15:20	Activities and role of the European Union Reference Laboratory for <i>L. monocytogenes</i>
15:20-15:30	Questions and Comments
15:30-15:45	What are the potential health effects associated with <i>L. monocytogenes</i> ?
15:45-15:55	Questions and Comments
15:55-16:10	Have the human listeriosis cases increased since 2008?
16:10-16:20	Questions and Comments
16:20-16:50	Coffee break
16:50-17:05	Are all <i>L. monocytogenes</i> strains of health concern?
17:05-17:15	Questions and Comments
17:15-17:30	What is the relation between doses and illness in different risk groups?
17:30-17:40	Questions and Comments
17:40-18:00	Concluding remarks of the first day

INTRODUCTION

LEGISLATION + EU-RL ACTIVITIES

SCIENTIFIC OPINION

AGENDA 20 SEP 2017

20 September 2017 (9:00-15:30)

9:00-9:15	To what extent is the consumer exposed to <i>L. monocytogenes</i> by consuming RTE foods?
9:15-9:25	Questions and Comments
9:25-9:40	What is the impact of different factors on the exposure?
9:40-9:50	Questions and Comments
9:50-10:20	Coffee break
10:20-10:35	<i>Which factors may explain the trend in listeriosis cases?</i>
10:35-10:45	Questions and Comments
10:45-11:15	<i>The gQMRA model used to explain the trend in listeriosis cases</i>
11:15-11:30	Questions and Comments
11:30-12:00	<i>Evidence to explain the trend in listeriosis cases</i>
12:00-12:15	Questions and Comments
12:15-12:30	Concluding remarks
12:30-13:30	Lunch break
13:30-13:45	Outsourcing activity 1: literature search on <i>L. monocytogenes</i> in a wide range of RTE foods
13:45-13:55	Questions and Comments
14:00-14:25	Outsourcing activity 2: quantitative risk characterization on <i>L. monocytogenes</i> in RTE foods
14:25-14:35	Questions and Comments
14:35-15:00	Outsourcing activity 3: comparison of isolates along the food chain and in humans using Whole Genome Sequencing analysis
15:00-15:10	Questions and Comments
14:10-15:25	Concluding remarks
15:30	Closure of the meeting

SCIENTIFIC OPINION

OUTSOURCING ACTIVITIES

NEXT STEPS

■ **Opinion**

- The *Listeria* WG will prepare an updated version of the opinion taking into account the comments received
- The updated opinion will be discussed and presented for adoption at one of the next BIOHAZ Plenary meetings
- Finally it will be published



- **Report** - A report summarizing the outcome of the public consultation (with brief summary of the comments received and how these were addressed) will be published at the same time the adopted opinion is published