



BIOLOGICAL HAZARDS AND CONTAMINANTS UNIT

# SCIENTIFIC PANEL ON CONTAMINANTS IN THE FOOD CHAIN

MINUTES OF THE 5<sup>TH</sup> MEETING OF THE WORKING GROUP ON

N-nitrosamines in Food

**Held on 5 May 2021, Teleconference**

## Participants

- Working Group Members: Bettina Grasl-Kraupp; Margherita Bignami; Stephen Hecht; Marco Iammarino; Jean-Charles Leblanc; Romualdo Benigni; Christina Fortes.
- Hearing Experts:  
Not Applicable
- European Commission and/or Member States representatives: not present
- EFSA:  
BIOCONTAM Unit: Anna Christodoulidou , Francesca Riolo.
- Others:  
Not Applicable

## 1. Welcome and apologies for absence

The Chair welcomed the participants. No apologies were received.

## 2. Adoption of agenda



The agenda was adopted without changes.

### 3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence<sup>1</sup> and the Decision of the Executive Director on Competing Interest Management<sup>2</sup>, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process, and no interests were declared orally by the members at the beginning of this meeting.

### 4. Agreement of the minutes of previous Working Group meeting.

The minutes were adopted on 3 May.

### 5. Scientific topic(s) for discussion

#### 5.1. Request for a scientific opinion on the risks for human health related to the presence of nitrosamines in food (EFSA-Q-2020-00665)<sup>3</sup>

The WG discussed the genotoxicity of NDEA and NDMA, the occurrence data extracted from the literature and the chemistry of nitrosamines, their sources and the analytical methods reported in the literature. The approach to follow on the uncertainty analysis has been presented.

### 6. Next meeting(s) in 2021

9-10 June 2021

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<sup>1</sup> [http://www.efsa.europa.eu/sites/default/files/corporate\\_publications/files/policy\\_independence.pdf](http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf)

<sup>2</sup> [http://www.efsa.europa.eu/sites/default/files/corporate\\_publications/files/competing\\_interest\\_management\\_17.pdf](http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf)

<sup>3</sup> <https://open.efsa.europa.eu/questions/EFSA-Q-2020-00665>



BIOLOGICAL HAZARDS AND CONTAMINANTS UNIT

# SCIENTIFIC PANEL ON CONTAMINANTS IN THE FOOD CHAIN

MINUTES OF THE 4th MEETING OF THE WORKING GROUP ON

N-nitrosamines in Food

**Held on 3 May 2021, Teleconference**

## Participants

- Working Group Members: Bettina Grasl-Kraupp; Margherita Bignami; Stephen Hecht; Marco Iammarino; Jean-Charles Leblanc; Romualdo Benigni; Christina Fortes.
- Hearing Experts:  
Not Applicable
- European Commission and/or Member States representatives: Frans Verstraete<sup>1</sup>
- EFSA:  
BIOCONTAM Unit: Anna Christodoulidou
- Others:  
Not Applicable

## 1. Welcome and apologies for absence

The Chair welcomed the participants. No apologies were received.

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<sup>1</sup> From 4.30 to 18.00



## 2. Adoption of agenda

The agenda was adopted without changes.

## 3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence<sup>2</sup> and the Decision of the Executive Director on Competing Interest Management<sup>3</sup>, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process, and no interests were declared orally by the members at the beginning of this meeting.

## 4. Agreement of the minutes of the previous Working Group meeting.

The minutes were adopted on 26 February 2021.

## 5. Scientific topic(s) for discussion

### 5.1. Request for a scientific opinion on the risks for human health related to the presence of nitrosamines in food (EFSA-Q-2020-00665)<sup>4</sup>

The Working Group discussed the ADME of N-nitrosamines analysed in food as well as the results of the most relevant toxicological studies and reflected on the approach to take in the toxicological risk assessment.

## 6. Next meeting(s)

5 May 2021

9-10 June 2021

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<sup>2</sup> [http://www.efsa.europa.eu/sites/default/files/corporate\\_publications/files/policy\\_independence.pdf](http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf)

<sup>3</sup> [http://www.efsa.europa.eu/sites/default/files/corporate\\_publications/files/competing\\_interest\\_management\\_17.pdf](http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf)

<sup>4</sup> <https://open.efsa.europa.eu/questions/EFSA-Q-2020-00665>



BIOLOGICAL HAZARDS AND CONTAMINANTS UNIT

# SCIENTIFIC PANEL ON CONTAMINANTS IN THE FOOD CHAIN

MINUTES OF THE 3<sup>rd</sup> MEETING OF THE WORKING GROUP ON

N-nitrosamines in Food

**Held on 26 February 2021, Teleconference**

## Participants

- Working Group Members: Bettina Grasl-Kraupp; Margherita Bignami; Stephen Hecht; Marco Iammarino; Jean-Charles Leblanc; Romualdo Benigni; Christina Fortes.
- Hearing Experts:  
Not Applicable
- European Commission and/or Member States representatives: not present
- EFSA:  
BIOCONTAM Unit: Anna Christodoulidou
- Others:  
Not Applicable

## 1. Welcome and apologies for absence

The Chair welcomed the participants. No apologies were received.

## 2. Adoption of agenda



The agenda was adopted without changes.

### 3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence<sup>1</sup> and the Decision of the Executive Director on Competing Interest Management<sup>2</sup>, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process, and no interests were declared orally by the members at the beginning of this meeting.

### 4. Agreement of the minutes of previous Working Group meeting.

Not Applicable

### 5. Scientific topic(s) for discussion

#### 5.1. Request for a scientific opinion on the risks for human health related to the presence of nitrosamines in food (EFSA-Q-2020-00665)<sup>3</sup>

The members of the working group (WG) finalised the draft protocol and discussed the chemical grouping of N-nitrosamines in food. Tasks were distributed.

### 6. Any Other Business

The WG was updated on an ANSES mandate related to the consumption of nitrate and nitrite.

### 7. Next meeting(s)

TBC

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<sup>1</sup> [http://www.efsa.europa.eu/sites/default/files/corporate\\_publications/files/policy\\_independence.pdf](http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf)

<sup>2</sup> [http://www.efsa.europa.eu/sites/default/files/corporate\\_publications/files/competing\\_interest\\_management\\_17.pdf](http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf)

<sup>3</sup> Please be aware that EFSA's Register of Questions is unavailable from 21 January until end of March. The temporary suspension of the tool is necessary to allow us to implement the launch of our new OpenEFSA portal. We apologise for the inconvenience. Further information is available [here](#)



BIOLOGICAL HAZARDS AND CONTAMINANTS UNIT

## SCIENTIFIC PANEL ON CONTAMINANTS IN THE FOOD CHAIN

### MINUTES OF THE 2<sup>nd</sup> MEETING OF THE WORKING GROUP ON N-nitrosamines in Food

**Held on 29 January 2021, Teleconference**

**(Agreed on 29 January 2021)**

#### Participants

- Working Group Members: Bettina Grasl-Kraupp; Margherita Bignami; Stephen Hecht; Marco Iammarino; Jean-Charles Leblanc; Romualdo Benigni; Christina Fortes.
- Hearing Experts:  
Not Applicable
- European Commission and/or Member States representatives: Frans Verstraete (EC)<sup>1</sup>
- EFSA:  
BIOCONTAM Unit: Anna Christodoulidou and Francesca Riolo
- Others:  
Not Applicable

#### 1. Welcome and apologies for absence

The Chair welcomed the participants. No apologies were received.

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<sup>1</sup> From 15.00-15.30 and 17.30-18.00



## 2. Adoption of agenda

The agenda was adopted without changes.

## 3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence<sup>2</sup> and the Decision of the Executive Director on Competing Interest Management<sup>3</sup>, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process, and no interests were declared orally by the members at the beginning of this meeting.

## 4. Agreement of the minutes of previous Working Group meeting.

Not Applicable

## 5. Scientific topic(s) for discussion

### 5.1. Request for a scientific opinion on the risks for human health related to the presence of nitrosamines in food (EFSA-Q-2020-00665)<sup>4</sup>

The members of the working group (WG) discussed the draft protocol and the chemical characterisation and sources of N-nitrosamines in food. Tasks were distributed.

## 6. Any Other Business

Not Applicable

## 7. Next meeting(s)

26 February 2021

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<sup>2</sup> [http://www.efsa.europa.eu/sites/default/files/corporate\\_publications/files/policy\\_independence.pdf](http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf)

<sup>3</sup> [http://www.efsa.europa.eu/sites/default/files/corporate\\_publications/files/competing\\_interest\\_management\\_17.pdf](http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf)

<sup>4</sup> Please be aware that EFSA's Register of Questions is unavailable from 21 January until mid-February. The temporary suspension of the tool is necessary to allow us to implement the launch of our new OpenEFSA portal. We apologise for the inconvenience. Further information is available [here](#)





BIOLOGICAL HAZARDS AND CONTAMINANTS UNIT

# SCIENTIFIC PANEL ON CONTAMINANTS IN THE FOOD CHAIN

## MINUTES OF THE 1<sup>st</sup> MEETING OF THE WORKING GROUP ON N-nitrosamines in Food

**Held on 16 December 2020, Teleconference**

**(Agreed on 16 December 2020)**

### Participants

- Working Group Members: Bettina Grasl-Kraupp; Margherita Bignami; Stephen Hecht; Marco Iammarino; Jean-Charles Leblanc; Romualdo Benigni; Christina Fortes.
- Hearing Experts:  
Not Applicable
- European Commission and/or Member States representatives: Frans Verstraete (EC)<sup>1</sup>
- EFSA:  
BIOCONTAM Unit: Anna Christodoulidou, Francesca Riolo and Carina Wenger
- Others:  
Not Applicable

### 1. Welcome and apologies for absence

The Chair welcomed the participants. No apologies were received.

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<sup>1</sup> From 17.15-18.00



## 2. Adoption of agenda

The agenda was adopted without changes.

## 3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence<sup>2</sup> and the Decision of the Executive Director on Competing Interest Management<sup>3</sup>, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process, and no interests were declared orally by the members at the beginning of this meeting.

## 4. Agreement of the minutes of previous Working Group meeting.

Not Applicable

## 5. Scientific topic(s) for discussion

### 5.1. Request for a scientific opinion on the risks for human health related to the presence of nitrosamines in food (EFSA-Q-2020-00665)<sup>4</sup>

The members of the working group (WG) discussed the terms of reference of the mandate, the previous assessments by EFSA, the literature search, the protocol and the table of contents of the draft opinion on the risk assessment of N-nitrosamines in food. Tasks were distributed.

## 6. Any Other Business

Not Applicable

## 7. Next meeting(s)

To be decided

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<sup>2</sup> [http://www.efsa.europa.eu/sites/default/files/corporate\\_publications/files/policy\\_independence.pdf](http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf)

<sup>3</sup> [http://www.efsa.europa.eu/sites/default/files/corporate\\_publications/files/competing\\_interest\\_management\\_17.pdf](http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf)

<sup>4</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2020-00665>