

EFSA Working Group meeting on cumulative risk assessment

1st WG meeting on the uncertainty analysis and risk characterisation of hypothyroidism for the period 2020 to 2022



18th September 2025 am, and 23rd September 2025 am.
MINUTES - Agreed on 13 October 2025

Location: Online meeting

Attendees:

- Working Group Members: Francesca Metruccio, Ilaria Castelli
- Hearing Experts¹: Not Applicable
- EFSA: Marco Binaglia, Anna Castoldi (18th September only), Federica Crivellente, Luc Mohimont (chair)

I. Welcome and apologies for absence

The Chair welcomed the participants.
Apologies were received from Anna Castoldi (23rd September)

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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 these meetings have been identified during the screening process, and no interests were declared orally by the Working Group members at the beginning of these meetings.

IV. Scientific topic(s) for discussion

The WG discussed the overall strategy of the uncertainty analysis based on the experience acquired during the establishment of the CAG for hypothyroidism and the results of the exposure calculations, with a special focus on the uncertainties in toxicology.

V. Next meeting

The next meeting will be held on 18th September 2025 pm via web conference.

¹ As defined in Article 34 of the document "Implementing Rule of the Management Board of the European Food Safety Authority laying down the rules on the selection, appointment and operations of the Scientific Committee, Scientific Panels and of their Working Groups":
<https://www.efsa.europa.eu/sites/default/files/paneloperation.pdf>

² https://www.efsa.europa.eu/sites/default/files/corporate_publications/files/independence-policy-2024.pdf

³ https://www.efsa.europa.eu/sites/default/files/corporate_publications/files/decision-ed-on-competing-interest-management-2024.pdf

18th September 2025 pm, and 22nd September 2025 pm.
MINUTES - Agreed on 13 October 2025

Location: Online meeting

Attendees:

- Working Group Members: Marloes Schepens, Charlotte Trenteseaux
- Hearing Experts¹: Not Applicable
- EFSA: Luis Carrasco Cabrera, Monica Del Aguila, Luc Mohimont (chair), Efisio Solazzo.

I. Welcome and apologies for absence

The Chair welcomed the participants.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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 these meetings have been identified during the screening process, and no interests were declared orally by the Working Group members at the beginning of these meetings.

IV. Scientific topic(s) for discussion

The WG discussed the overall strategy of the uncertainty analysis based on the experience acquired during the establishment of the CAG for hypothyroidism and the results of the exposure calculations, with a special focus on the uncertainties in toxicology.

V. Next meeting

The date of the next is still under consideration.

¹ As defined in Article 34 of the document "Implementing Rule of the Management Board of the European Food Safety Authority laying down the rules on the selection, appointment and operations of the Scientific Committee, Scientific Panels and of their Working Groups":
<https://www.efsa.europa.eu/sites/default/files/paneloperation.pdf>

² https://www.efsa.europa.eu/sites/default/files/corporate_publications/files/independence-policy-2024.pdf

³ https://www.efsa.europa.eu/sites/default/files/corporate_publications/files/decision-ed-on-competing-interest-management-2024.pdf

19th September 2025

09:30 – 16:30

MINUTES – Agreed On 30/09/2025

Location: Online Meeting/ EFSA - Parma (Meeting Room 00/M04)

Attendees:

- Working Group Members:
 - Karine Angeli
 - Adeline Cavelier
 - Tamara Coja
 - Dimitra Nikolopoulou
 - Andrea Terron
- Hearing Experts¹:

Not Applicable

- EFSA:
 - **PREV Unit:** Anna F. Castoldi (chair), Federica Crivellente, Annetta Grillo, Anna Lanzoni, Luc Mohimont
- Others:

Not applicable

I. Welcome and apologies for absence

The Chair welcomed the participants.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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.

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² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



IV. Agreement of the minutes of the 4th Working Group meeting held on June 27th, 2025 via web-conference

The minutes of the 4th Working Group meeting were agreed by written procedure on the 11th of May 2025.

V. Scientific topic(s) for discussion (EFSA-Q-2025-00151)

All comments received on the draft scientific report on specific effects were addressed during the meeting, with discussions concerning the definition of indicators/specific effects, the lines of evidence supporting CAG membership probability and the recommendations proposed by Working Group (WG) experts.

EFSA will provide WG members with a revised version of the draft Scientific Report for a final commenting round prior to the submission of the document to external review and further to public consultation. The revised report will be also used to test the updated Data Collection Template, which was presented to the WG during the meeting.

VI. Next meeting

Other meetings are not currently foreseen. If necessary, a meeting will be organised to address the comments received during public consultation.

27 June 2025

09:30 – 16:30

MINUTES – Agreed On 11 July 2025

Location: Online Meeting/ EFSA - Parma (Meeting Room 04/B14)

Attendees:

- Working Group Members:

Karine Angeli, Adeline Cavelier, Tamara Coja, Dimitra Nikolopoulou, Andrea Terron

- Hearing Experts¹:

Not Applicable

- EFSA:

PREV Unit: Anna F. Castoldi (chair), Federica Crivellente, Annetta Grillo, Anna Lanzoni, Luc Mohimont

- Others:

Not applicable

I. Welcome and apologies for absence

The Chair welcomed the participants.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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.

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² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



IV. Agreement of the minutes of the 3rd Working Group meeting held on the 8th of May 2025 via web-conference

The minutes of the 3rd Working Group meeting were agreed by written procedure on the 27th of May 2025.

V. Scientific topic(s) for discussion (EFSA-Q-2025-00151)

The Working Group discussed how to interpret developmental toxicity in the presence of maternal toxicity and defined the general approach for collecting maternal toxicity information during data collection. The criteria used by ECHA to define excessive toxicity were endorsed by the WG, in order to achieve a consistent interpretation and to maintain a pragmatic and conservative approach.

The WG reviewed the scientific report on specific effects, particularly the sections on the definition of indicators and on the criteria for substance allocation to Cumulative Assessment Groups (CAG), and the section on the Lines supporting CAG membership probability for a certain substance.

Additionally, the WG discussed, for each specific effect, whether each category of indicators is likely the consequence of both chronic and acute exposure or of chronic exposure only. The definition of the plausible exposure affecting a certain indicator is key to perform a robust cumulative risk assessment.

Tasks were allocated in view of the last WG meeting, which will be held in September.

VI. Next meeting

The next meeting will be a physical meeting held in Parma on the 19th of September 2025.

8th May 2025

09:30 – 16:30

MINUTES – Agreed on 27/05/2025

Location: Online Meeting/ EFSA - Parma (Meeting Room 04/B14)

Attendees:

- Working Group Members:

Karine Angeli, Adeline Cavelier, Tamara Coja, Dimitra Nikolopoulou, Andrea Terron

- Hearing Experts¹:

Not Applicable

- EFSA:

PREV Unit: Anna F. Castoldi (chair), Federica Crivellente, Annetta Grillo, Anna Lanzoni, Luc Mohimont

- Others:

Not applicable

I. Welcome and apologies for absence

The Chair welcomed the participants.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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.

IV. Agreement of the minutes of the 2nd Working Group meeting held on March 31st, 2025 via web-conference

The minutes of the 2nd Working Group meeting were agreed by written procedure on 15 April 2025.

V. Scientific topic(s) for discussion (EFSA-Q-2025-00151)

¹ As defined in Article 34 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



The Working Group (WG) finalised the list of specific effects and indicators of developmental effects in light of the comments received from the experts in/after the previous WG meetings. The experts presented and discussed new draft sections of the Scientific Report on specific effects. The WG agreed on the structure and content of a summary table listing all the endocrine disruption endpoints measured in OECD test guidelines. This will be included as an appendix to the Scientific Report. Lastly, the WG started to discuss the criteria to determine if maternal toxicity has a direct impact on developmental effects. This discussion will be resumed in the 4th WG meeting.

VI. Next meeting

The next meeting will be held on 27 June, 2025, in Parma and via web conference.

31 March 2025

09:30 – 16:30

MINUTES – Agreed on 15/04/2025

Location: Online Meeting/ EFSA - Parma (Meeting Room 04/B14)

Attendees:

- Working Group Members:

Karine Angeli, Adeline Cavelier, Tamara Coja, Dimitra Nikolopoulou, Andrea Terron

- Hearing Experts¹:

Not Applicable

- EFSA:

PREV Unit: Anna F. Castoldi (chair), Federica Crivellente, Annetta Grillo, Anna Lanzoni, Luc Mohimont

- Others:

Not applicable

I. Welcome and apologies for absence

The Chair welcomed the participants.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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.

IV. Agreement of the minutes of the 1st Working Group meeting held on February 10th, 2025, via web-conference

The minutes of the 1st Working Group meeting were agreed by written procedure on the 25th of February 2025.

V. Scientific topic(s) for discussion (EFSA-Q-2025-00151)

¹ As defined in Article 34 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



Experts presented draft report sections concerning Test Guidelines relevant for identifying developmental toxicity endpoints, and Adverse Outcome Pathways (AOPs) related to developmental toxicity.

The Working Group discussed the indicators for each specific effect established in the previous WG meeting. Main topics of discussion were the use of the uncertainty analysis to address potential issues related to the proposed indicators and the need of defining specific criteria to account for concomitant maternal toxicity. The topic of maternal toxicity will be addressed thoroughly in the next WG meeting. The structure of the draft report was updated with the additional sections provided by experts and will be revised for experts review ahead of the 3rd WG meeting.

VI. Next meeting

The next meeting will be held on the 8 May 2025, in Parma and via web conference.

10 February 2025

09:30 – 16:30

MINUTES – Agreed on 27 February 2025

Location: EFSA - Parma (Meeting Room 04/B14)/Webconference

Attendees:

- Working Group Members:

Karine Angeli, Adeline Cavelier, Tamara Coja, Dimitra Nikolopoulou, Andrea Terron

- Hearing Experts¹:

Not Applicable

- European Commission and/or Member States representatives:

Not Applicable

- EFSA:

PREV Unit: Anna F. Castoldi (chair), Federica Crivellente, Annetta Grillo, Anna Lanzoni, Luc Mohimont

- Others:

Not applicable

I. Welcome and apologies for absence

The Chair welcomed the participants.

II. Adoption of agenda

The agenda was adopted changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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.

IV. Scientific topic(s) for discussion (EFSA-Q-2025-00151)

The Chair introduced the CRA mandate and the remit of the present WG, that is the identification of specific effects on development relevant for CRA.

It was clarified that Developmental Neurotoxicity (DNT) will be covered under a separate WG. Similarly, hazard identification for craniofacial alterations (addressing abnormal cranial skeletal development, head soft tissue alterations and brain neural tube defects) is outside the remit of

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² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



this WG, as it has already been addressed (see [Scientific Report on retrospective cumulative dietary risk assessment of craniofacial alterations by residues of pesticides. EFSA Journal, 2022.](#)). Topics of discussion of the present WG meeting were the definition of specific effects and indicators of developmental toxicity and the agreement on the structure of the draft report. An overview of the tentative timelines of the activities of the present WG was presented, together with a proposal for next meeting planning.

V. Next meeting

The next meeting will be held on 31 March 2025, via web conference.

7 February 2025

09:30-16:30

Meeting Minutes – Agreed on 21/02/2025

Location: Online Meeting/EFSA - Parma (Meeting Room 01/B15)

Attendees:

- Working Group Members:
Karine Angeli, Adeline Cavelier, Tamara Coja, Dimitra Nikolopoulou, Andrea Terron
- Hearing Experts¹:
Not applicable
- EFSA:
PREV Unit: Anna F. Castoldi (chair), Federica Crivellente, Annetta Grillo, Anna Lanzoni, Luc Mohimont
- Observer:
Lena Brunner
- Others:
Not applicable

I. Welcome and apologies for absence

The Chair welcomed the participants.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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.

IV. Agreement of the minutes of the 7th Working Group meeting held on the 9th and 10th of July 2024, Hybrid meeting

The minutes of the 7th Working Group meeting were agreed by written procedure on 25 July 2024.

V. Scientific topic(s) for discussion (EFSA-Q-2023-00734)

¹ As defined in Article 34 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



Addressing comments received during the public consultation

The chair provided an overview of the comments received during the public consultation on the draft Scientific Report on the specific effects on reproductive function including fertility relevant for cumulative risk assessment of pesticide residues ("Scientific Report"), held from 25 November 2024 to 20 January 2025. Overall, EFSA received 12 comments in the electronic tool.

The WG members discussed in detail how to address each comment received during the public consultation. Major comments focused on the methodology used to define the list of prioritised substances for effects on reproduction and fertility, on the adequacy of the default uncertainty factor of 10 to account for interspecies differences when assessing fertility effects, and on the strength assigned to some lines of evidence.

A report on the outcome of the public consultation is in preparation to present all the comments submitted, together with an explanation on how they have been considered/addressed for the finalisation of the Scientific Report. This will be published as Annex I to the Scientific Report, with replies to all comments.

VI. Next steps

EFSA will finalise the Annex I to the Scientific Report and revise the draft Scientific Report on the basis of the comments received.

VII. Next meeting

No further meetings are foreseen.

4 September 2024

9:00-17:00

MINUTES - Agreed on 23 September 2024

Location: EFSA - Parma (Meeting Room 00/M06A)/Webconference

Attendees:

▪ **Working Group Members:**

- Tamara Coja,
- Kyriaki Machera,
- Camilla Recordati,

▪ **Observer:**

- Lena Brunner

▪ **EFSA Participants:**

- Federica Crivellente (chair), German Giner, Monica Nepal, Luc Mohimont

I. Welcome and apologies for absence

The Chair welcomed the participants. Apologies received from Monica Del Aguila, Anna F. Castoldi, and Anna Lanzoni.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Group members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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.

IV. Agreement of the minutes of the 8th Working Group meeting held on 3 May 2023, Hybrid meeting

The minutes of the 8th Working Group meeting were agreed by written procedure on 15 May 2023.

V. Scientific topic for discussion

**Retrospective cumulative risk assessment of liver effect by residues of pesticides
([EFSA-Q-2023-00572](#))**

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

MEETING MINUTES – 4 September 2024

9th Working Group meeting on the identification of liver specific effects relevant for CRA.



The Working Group (WG) focused the discussion on feedback received during the public consultation, integrating responses into the appropriate sections of the report as well as its annex.

Additionally, the WG deliberated on horizontal issues similarly applicable to other organs, such as characterisation of acute vs chronic effects, use of low power 28-day studies for metabolites, and MTD concept.

Furthermore, the WG re-discussed the list of indicators to be used for histopathological findings like vacuolation and swelling. WG also revised Lines of Evidence based on additional considerations on Mode of actions not relevant for humans for nongenotoxic hepatocellular carcinogenesis. Finally, the WG thoroughly examined the draft report text, and identified some points to be further considered.

VI. Next meeting

At present, no additional WG meeting scheduled. If needed, an extra meeting will be organised following to the revision of the report.

9-10 July 2024

9:00-13:00, both days 1 and 2

MINUTES - Agreed on 25 July 2024

Location: EFSA - Parma (Meeting Room 00/M06)/Webconference

Attendees:

- Working Group Members:
Karine Angeli, Adeline Cavelier, Tamara Coja, Dimitra Nikolopoulou
- EFSA:
Anna F. Castoldi (chair), Federica Crivellente, German Giner, Anna Lanzoni, Luc Mohimont, Monica Nepal, Andrea Terron

I. Welcome and apologies for absence

The Chair welcomed the participants.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Group members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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.

IV. Agreement of the minutes of the 6th Working Group meeting held on 28 May 2024, Hybrid meeting

The minutes of the 6th Working Group meeting were agreed by written procedure on 18 June 2024.

V. Scientific topic for discussion

Retrospective cumulative risk assessment of reproductive toxicity, including effects on adult fertility, by residues of pesticides (EFSA-Q-2023-00734)

The Working Group (WG) deliberated on various topics, including the applicability of the dose addition model to the specified histopathological indicators and minor adjustments for male indicators, addressed the methodology for refining the substance prioritisation list and discussed the data sources for metabolites. Additionally, the experts agreed on excluding some low-powered studies from the data collection, such as the 28-day dose range-finding study. Furthermore, they thoroughly examined and commented on the draft report text. The data collection template was

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



presented and commented. Tasks were assigned to WG members to review all the sections of the draft report.

VI. Next meeting

No other WG meeting is planned for the time being. If needed, an extra meeting will be organised prior to the public consultation on the draft report that is foreseen later this year.

28 May 2024

9:00-16:00

MINUTES - Agreed on 18 June 2024.

Location: EFSA - Parma (Meeting Room 00/M04)/Webconference

Attendees:

- Working Group Members:
Karine Angeli, Adeline Cavelier, Tamara Coja, Dimitra Nikolopoulou
- EFSA:
Anna F. Castoldi (chair), Federica Crivellente, German Giner, Anna Lanzoni, Luc Mohimont (by TC), Monica Nepal, Andrea Terron

I. Welcome and apologies for absence

The Chair welcomed the participants.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Group members

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IV. Agreement of the minutes of the 5th Working Group meeting held on 17-18 April 2024, via web-conference

The minutes of the 5th Working Group meeting were agreed by written procedure on 8 May 2024.

V. Scientific topic for discussion

Retrospective cumulative risk assessment of reproductive toxicity, including effects on adult fertility, by residues of pesticides ([EFSA-Q-2023-00734](#))

The Working Group (WG) discussed the draft report content and addressed the comments to the various sections, including data and methodology, and assessment, and proposed potential recommendations. Due to time constraints, the revision of the background information, abstract, summary, and drafting of the conclusion was postponed to the next WG meeting. Individual tasks were assigned to the experts in relation to specific contributions to the draft report.

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



VI. Next meeting

The next meeting will be held on 9 July (09:00-13:00 hrs, part 1) and 10 July (09:00-13:00 hrs, part 2) 2024 by webconference.

17 & 18 April 2024, Teleconference

14:00-18:00 (day 1) & 09:00-13:00(day 2)

MINUTES - Agreed on 8 May 2024.

Location: Webconference

Attendees:

- Working Group Members:

Karine Angeli, Adeline Cavelier, Tamara Coja, Dimitra Nikolopoulou

- Hearing Experts

Not Applicable

- European Commission and/or Member States representatives:

Not Applicable

- EFSA:

PREV Unit: Anna F. Castoldi (chair), Federica Crivellente, Giner German, Anna Lanzoni, Katerina Giaki (observer), Luc Mohimont, Monica Nepal, Andrea Terron

I. Welcome and apologies for absence

The Chair welcomed the participants.

Luc Mohimont did not participate on day 1 of the meeting

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Group members

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IV. Agreement of the minutes of the 4th Working Group meeting held on 14-15 March 2024, via web-conference

The minutes of the 4th Working Group meeting were agreed by written procedure on 3 April 2024.

V. Scientific topic for discussion

Retrospective cumulative risk assessment of reproductive toxicity, including effects on adult fertility, by residues of pesticides ([EFSA-Q-2023-00734](#))

The Working Group (WG) agreed on the list of indicators of specific effects relevant for grouping chemicals affecting male and female reproductive function including fertility. Additionally, the criteria for the hazard characterization of active substances causing the effect were finalised. The lines of evidence for assessing the probability that an active substance actually causes the given specific effect were established and their weight agreed. Individual tasks were assigned to the experts in relation to specific contributions to the draft report.

VI. Next meeting

The next meeting will be held on 28 May 2024, in Parma.

14 & 15 March 2024, Teleconference

09:00-13:00

MINUTES - Agreed on 3 April 2024

Attendees:

➤ Working Group Members:

- Karine Angeli (only day 2)
- Adeline Cavelier
- Tamara Coja
- Dimitra Nikolopoulou

➤ Hearing Experts

- Not Applicable

➤ European Commission and/or Member States representatives:

- Not Applicable

➤ EFSA:

- PREV Unit: Anna F. Castoldi (chair), Federica Crivellente, Giner German (only day 2), Anna Lanzoni, Luc Mohimont, Monica Nepal, Andrea Terron

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes.

3. Declarations of Interest of Working Group members

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² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



4. Scientific topic(s) for discussion (EFSA-Q-2023-00734)

The Working Group (WG) focused on finalizing/refining specific effects, indicators, supplementary indicators, and ancillary findings, including nomenclature and their relevance to humans. Additionally, they explored the Wiki for AOPs relevant to male fertility and the potential use of ToxCast for refining mode of action-related information. Finally, the draft template for data collection was presented.

5. Next meeting

The next meeting is tentatively scheduled for the end of April.

2 & 5 February 2024, Teleconference

13:30-17:30

MINUTES - Agreed on 28 February, 2024.

Attendees:

➤ Working Group Members:

- Karine Angeli
- Adeline Cavelier
- Tamara Coja
- Dimitra Nikolopoulou

➤ Hearing Experts

- Not Applicable

➤ European Commission and/or Member States representatives:

- Not Applicable

➤ EFSA:

- PREV Unit: Anna F. Castoldi (chair), Federica Crivellente, Giner German, Anna Lanzoni, Luc Mohimont, Monca Nepal, Andrea Terron

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes.

3. Declarations of Interest of Working Group members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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.

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



4. Scientific topic(s) for discussion (EFSA-Q-2023-00734)

The working group thoroughly discussed the tools investigating reproductive function in regulatory setting, relevant reproductive toxicity endpoints and provided comments on the content of this section of the draft report.

The working group also discussed how to include Mode of Action information by using EAS-mediated endpoints and worked on the refinement of specific effects and indicators of reproductive function including fertility. Due to the lack of time, the presentation of the draft template for data collection was postponed to the next working group meeting.

5. Next meeting

Next meeting is scheduled for 14 March 2024 (09:00-13:00hrs, part 1) and 15 March 2024 (09:00-13:00hrs, part 2).

14 December 2023, Teleconference

14:00-18:00

MINUTES - Agreed on 8 January, 2024

Participants

Attendees:

➤ **Working Group Members:**

- Karine Angeli
- Adeline Cavelier
- Dimitra Nikolopoulou

➤ **Hearing Experts**

- Not Applicable

➤ **European Commission and/or Member States representatives:**

- Not Applicable

➤ **EFSA:**

- PREV Unit: Anna F. Castoldi (chair), Federica Crivellente, Giner German, Anna Lanzoni, Luc Mohimont, Monca Nepal, Andrea Terron

1. Welcome and apologies for absence

The Chair welcomed the participants.

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 Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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.

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



4. Scientific topic(s) for discussion (EFSA-Q-2023-00734)

4.1 CRA (Cumulative Risk Assessment): specific effects and indicators of reproductive toxicity including fertility

The working group thoroughly discussed the need to consolidate the work packages “WP1 on reproductive function (fertility), WP4 on Male reproductive organ toxicity, and WP5 on Female reproductive organ toxicity” to prevent duplication of indicators within cumulative assessment groups (CAGs). Furthermore, the WG reviewed and commented the updated list of specific effects and their indicators.

4.2 Discussion of the Draft Scientific Report Template

The working group reviewed and commented the structure of the draft Scientific Report template. Additionally, the WG was engaged in discussions regarding the relevance of Adverse Outcome Pathways (AOPs) in refining the CAGs, specifically, defining the appropriate level of details for AOP-related information concerning Reproduction and Fertility.

5. Any Other Business

None

6. Next meeting/s

A doodle will be circulated to define appropriate dates for the next meetings, indicatively at the end of January or beginning of February.

20 November 2023

09:00-17:00

MEETING MINUTES - Agreed on December 8, 2023

Location: Webconference

Attendees:

- Working Group Members:

Tamara Coja, Kyriaki Machera, Camilla Recordati, Eliana Spilioti

- Hearing Experts¹:

Not Applicable

- European Commission and/or Member States representatives:

Not Applicable

- EFSA:

Anna F. Castoldi, Federica Crivellente (chair), Monica del Aguila, German Giner, Anna Lanzoni, Luc Mohimont, Monica Nepal, Alessia Scarlato

I. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Alessia Scarlato.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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.

IV. Scientific topic(s) for discussion

1. CRA for kidney effects (EFSA-Q-2023-00570)

The WG discussed the comments received during Public Consultation of the report on kidney effects relevant for CRA and how they can be considered in the revision of the report.

¹ As defined in Article 17 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management.17.pdf



VI. Next meeting

tbd

Location: Web conference

Attendees:

- External Working Group (WG) members:
Karine Angeli, Adeline Cavelier, Dimitra Nikolopoulou
- EFSA:
Anna F. Castoldi (chair), Katia Chukwubike, Federica Crivellente, German Giner, Anna Lanzoni, Luc Mohimont, Monica Nepal, Andrea Terron

I. Welcome and apologies for absence

The Chair welcomed the participants.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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.

IV. Scientific topic for discussion

a. CRA (CUMULATIVE RISK ASSESSMENT): specific effects and indicators of reproductive toxicity including fertility ([EFSA-Q-2023-00734](#))

The Chair introduced the remit of the WG, that is to establish the Cumulative Assessment Groups (CAGs) of pesticides for their effects on the reproductive function, including fertility.

The work will first focus on the identification of the specific functional effects on the male and female reproductive system that may be the consequence of combined exposure to pesticides and therefore deserve a cumulative risk assessment. This will be followed by the identification of relevant indicators of such specific effects, i.e., toxicological endpoints identifiable in toxicological studies reflecting the specific effect. The WG will set the conditions triggering the substance inclusion in the CAG (Cumulative Assessment Groups). The setting of the hazard characterisation rules applicable to substances causing

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

27 September 2023

09:00-17:00

MINUTES - Agreed on 17 October 2023

Location: web-conference

Attendees:

- Working Group Members:
Antonio Hernandez, Francesca Metruccio, Dimitra Nikolopoulou
- Hearing Experts¹:
Not Applicable
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
Anna F. Castoldi (chair), Katia Chukwubike, Federica Crivellente, German Giner², Anna Lanzoni, Luc Mohimont²

I. Welcome and apologies for absence

The Chair welcomed the participants.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence³ and the Decision of the Executive Director on Competing Interest Management⁴, 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.

IV. Agreement of the minutes of the 3rd Working Group meeting held on 30-31 August 2023, via web-conference

The minutes of the 3rd WG meeting were agreed orally on 27 September 2023 at the beginning of this meeting.

¹ As defined in Article 17 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>

² Absent on 4 July (afternoon session)

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

⁴ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



V. Scientific topics for discussion – EFSA-Q-2023-00573

The WG went through the draft report and the data collection template, proposing some amendments, some of which will be implemented after the meeting. The WG was made aware that the data collection will be outsourced to International Centre for Pesticides and Health Risk Prevention (ICPS, Milan, Italy). The amended draft report and the data collection template will be sent to the WG for a final review prior to its publication, which is foreseen by the end of this year. No other WG meetings are planned for the time being.

30-31 August 2023

13:00-17:00/ 09:00-13:00

MINUTES - Agreed on 27 September 2023

Location: webconference

Attendees:

- Working Group Members:
Antonio Hernandez, Francesca Metruccio, Dimitra Nikolopoulou
- Hearing Experts¹:
Not Applicable
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
Anna F. Castoldi (chair), Katia Chukwubike, Federica Crivellente, Monica Del Aguila², Anna Lanzoni

I. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from German Giner and Luc Mohimont.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence³ and the Decision of the Executive Director on Competing Interest Management⁴, 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.

IV. Scientific topics for discussion - EFSA-Q-2023-00573

The WG went through the draft report proposing changes on (i) the CRA of pesticide residues affecting the thyroid, (ii) the conditions triggering the inclusion of active substances (AS) and metabolites into the respective CAGs, (iii) the principles for the hazard characterisation of each AS included in the CAGs for the respective specific effects, and (iv) the lines of evidence

¹ As defined in Article 17 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>

² only present on day 2

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

⁴ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



for the assessment of the probability that any substance included in a CAG is causing the respective specific effect.

The key decisions taken in the 2019 report were discussed individually and some new proposals were made. Furthermore, the WG made suggestions for (v) the data collection template and for the content of the (vi) new EFSA draft report. These suggestions are directly included in the revised meeting documents, together with the actions to undertake by the WG members prior to the next meeting. Further discussion of the draft report and data collection template is needed at the next WG meeting.

V. Next meeting

The 4th WG meeting will be held by web conference on 27 September 2023 (9.00-17.00 hrs).

03-04 July 2023

13:00-17:00/ 09:00-16:00

MINUTES - Agreed on 25 July 2023

Location: EFSA MTG SEAT 00/M14

Attendees:

- Working Group Members:
Antonio Hernandez, Francesca Metruccio, Dimitra Nikolopoulou
- Hearing Experts¹:
Not Applicable
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
Anna F. Castoldi (chair), Katia Chukwubike, Federica Crivellente, Monica Del Aguila², German Giner³, Anna Lanzoni, Luc Mohimont³

I. Welcome and apologies for absence

The Chair welcomed the participants.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence⁴ and the Decision of the Executive Director on Competing Interest Management⁵, 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.

IV. Agreement of the minutes of the 1st Working Group meeting held on 16-17 May 2023, via web-conference

The minutes of the 1st WG meeting were agreed orally on 3 July 2023 at the beginning of this meeting.

¹ As defined in Article 17 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>

² Absent on 4 July (all day)

³ Absent on 4 July (afternoon session)

⁴ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

⁵ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



V. Scientific topics for discussion

The WG discussed the need to update, as compared to the 2019 report⁶, (i) the specific effects and indicators of relevance for the CRA of pesticide residues affecting the thyroid, (ii) the conditions triggering the inclusion of active substances (AS) and metabolites into the respective CAGs, (iii) the principles for the hazard characterisation of each AS included in the CAGs for the respective specific effects, and (iv) the lines of evidence for the assessment of the probability that any substance included in a CAG is causing the respective specific effect.

The key decisions taken in the 2019 report were discussed individually and some new proposals were made. Furthermore, the WG made suggestions for (v) the data collection template and for the content of the (vi) new EFSA draft report. Further discussion is needed.

⁶ EFSA, 2019. Establishment of cumulative assessment groups of pesticides for their effects on the thyroid. EFSA Journal 2019;17(9):5801 www.efsa.europa.eu/efsajournal Available at <https://www.efsa.europa.eu/en/efsajournal/pub/5801>

6-7 July 2023

6 July 14:00-18:00 – 7 July 9:00-13:00

MEETING MINUTES - Agreed on 11 July 2023

Location: Webconference

Attendees:

- Working Group Members:

Tamara Coja, Kiriachi Machera, Camilla Recordati, Dimitra Nikolopoulou

- Hearing Experts¹:

Not Applicable

- European Commission and/or Member States representatives:

Not Applicable

- EFSA:

Anna F. Castoldi, Katia Chukwubike, Federica Crivellente (chair), Monica Del Aguila, Anna Lanzoni, Sara Levorato, Luc Mohimont

I. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Alessia Scarlato.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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.

IV. Scientific topic(s) for discussion

1. CRA for kidney effects (EFSA-Q-2020-00752)

The WG discussed the draft report on kidney specific effects relevant for cumulative risk assessment, in view of the Public Consultation. The last part of the meeting was devoted to an overall revision of the draft report on liver specific effects, for which a Public Consultation is also foreseen.

¹ As defined in Article 17 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management.17.pdf



VI. Next meeting

Tbd

Location: Webconference

Attendees:

- Working Group Members:
Antonio Hernandez, Francesca Metruccio, Dimitra Nikolopoulou
- Hearing Experts¹:
Not Applicable
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
Anna F. Castoldi (chair), Katia Chukwubike, Federica Crivellente, Monica Del Aguila, German Giner, Anna Lanzoni, Luc Mohimont

I. Welcome and apologies for absence

The Chair welcomed the participants who introduced themselves.

II. Adoption of agenda

The agenda was adopted without changes

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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.

IV. Scientific topic(s) for discussion

EFSA introduced this EFSA WG mandate, that is to update the Cumulative Assessment Groups (CAGs) of pesticides for their effects on the thyroid that were included in the EFSA scientific report published in 2019⁴ entitled "Establishment of cumulative assessment groups of pesticides for their effects on the thyroid". The deadline for this mandate is September 2023

¹ As defined in Article 17 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

⁴ EFSA J 2019 - Establishment of cumulative assessment groups of pesticides for their effects on the thyroid.pdf
<https://efsa.onlinelibrary.wiley.com/doi/full/10.2903/j.efsa.2019.5801>



The WG discussed the mentioned 2019 report and the detailed plan and timing of the activities to be performed, including the drafting of a new EFSA scientific report.

The six specific tasks of this WG to be completed include :

1. To update/confirm the specific effects of pesticides on the thyroid of relevance for cumulative risk assessment (CRA) (possibly identifying the Mode of Action (MoA)/chemical structures leading to direct inclusion of an active substance (AS) into a CAG).
2. To update/confirm the respective relevant indicators of each specific effects.
3. To update/confirm the criteria that will trigger the inclusion of ASs into a CAG and the hazard characterization rules for the respective specific effects
4. To update/confirm the "lines of evidence" necessary for the assessment of the CAG-membership probability
5. To prepare a fit-for-purpose data collection template for thyroid
6. To draft the toxicological part of the EFSA scientific report on the CRA-relevant effects

V. Any Other Business

○ Scientific Committee opinion on Bromide

The WG was informed about the ongoing scientific opinion on the risks for human health related to the presence of bromide ion in food and risks for animal health and transfer from feed to food of animal origin related to the presence of bromide ion in feed, in particular in algae and seaweed and derived products. This may be relevant to this WG since Bromide is a pesticide's metabolite and was considered a risk driver in 2019, because of its exposure levels via food commodities

VI. Next meeting

The next meeting will be held on 3-4 July 2023, in Parma.

12-13 June 2023

14:00-18:00 June 12; 9:00-17:00 June 13

MEETING MINUTES - Agreed on 26 June 2023

Location: EFSA, Parma

Attendees:

- Working Group Members: Tamara Coja, Kiriachi Machera, Camilla Recordati
- Hearing Experts¹:
Not Applicable
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
Anna F. Castoldi (present until June 13, 13:00 hrs), Katia Chukwubike, Federica Crivellente (chair), Monica Del Aguila, Giner German, Anna Lanzoni, Sara Levorato, Luc Mohimont, Alessia Scarlato

I. Welcome and apologies for absence

The Chair welcomed the participants.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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.

IV. Agreement of the minutes of the 6th Working Group meeting held on 16 March 2023, via web-conference

The [minutes of the 9th WG meeting](#) were agreed by written procedure on 12 September 2022.

V. Scientific topic(s) for discussion

1. CRA for kidney effects (EFSA-Q-2020-00752)

¹ As defined in Article 17 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>



MEETING MINUTES – WG meeting - 21 April 2023

7th Working Group meeting on liver specific effects

The WG finalized the discussion of the lines of evidence for CAG-membership probability for all the specific effects identified for kidneys and pelvis and considered relevant for cumulative risk assessment.

VI. Next meeting

Tbd

Working group on pest risk assessment (section 2)

Participants

• Working Group Members:

Antonio Vicent (AV, chair)

David Makowski (DM)

Josep Jaques (JJ)

• EFSA:

Matteo Crotta (MC, Plants Unit)

Eugenio Rossi (ER, Climate suitability team)

1. Welcome and apologies for absence

MC welcomed the participants.

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 and Scientific Decision-Making Processes and the Decision of the Executive Director on Declarations of Interest, EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the working group members invited for the present meeting. No Conflicts of Interest 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(s) for discussion

The working group continued the risk assessment of *Retithrips syriacus* with focus on the methodological approach for systematic identification of the hosts and relevant entry pathway(s).

ER from the climate suitability team joined the WG to present the work done so far using the distribution data and discuss the approach and the data needed for further analysis.

The WG agreed on the questions to be forwarded to the hearing expert

5. Next meeting

13 June 2023, web meeting

3 May 2023

09:00-17:00

MEETING MINUTES - Agreed on 10 May 2023

Location: Webconference

Attendees:

- Working Group Members: Tamara Coja, Kiriachi Machera, Camilla Recordati
- Hearing Experts¹:
Not Applicable
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
Katia Chukwubike, Federica Crivellente (chair), Monica Del Aguila, Anna Lanzoni

I. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Giner German, Sara Levorato and Luc Mohimont.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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.

IV. Agreement of the minutes of the 6th Working Group meeting held on 16 March 2023, via web-conference

The [minutes of the 7th WG meeting](#) were agreed by written procedure on 2 May 2023.

V. Scientific topic(s) for discussion

1. CRA for liver effects (EFSA-Q-2020-00752)

¹ As defined in Article 17 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management.17.pdf



The WG finalized the discussion of the lines of evidence for CAG-membership probability for all the specific effects identified for liver and considered relevant for cumulative risk assessment.

VI. Next meeting

Tbd

21 April 2023

09:00-17:00

MEETING MINUTES - Agreed on 2 May 2023

Location: Webconference

Attendees:

- Working Group Members: Tamara Coja, Kiriachi Machera
- Hearing Experts¹:
Not Applicable
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
Anna F. Castoldi, Katia Chukwubike, Federica Crivellente (chair), Monica Del Aguila, Anna Lanzoni, Luc Mohimont

I. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were rec

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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.

IV. Agreement of the minutes of the 6th Working Group meeting held on 16 March 2023, via web-conference

The [minutes of the 6th WG meeting](#) were agreed by written procedure on 29 March 2023.

V. Scientific topic(s) for discussion

1. CRA for liver effects (EFSA-Q-2020-00752)

¹ As defined in Article 17 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



The WG further discussed of the conditions triggering the inclusion of active substances into cumulative assessment groups (CAGs), the principle for their characterization and started the discussion of the lines of evidence for CAG-membership probability.

VI. Next meeting

The next meeting will be held on May 3rd, 2023, via web conference.

16 March 2023

09:00-17:00

MEETING MINUTES - Agreed on 29 March 2023

Location: Webconference

Attendees:

- Working Group Members: Tamara Coja, Kiriachi Machera, Camilla Recordati
- Hearing Experts¹:
Not Applicable
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
Anna F. Castoldi, Katia Chukwubike, Federica Crivellente (chair), Monica Del Aguila, Anna Lanzoni, Luc Mohimont

I. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were rec

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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.

IV. Agreement of the minutes of the 5th Working Group meeting held on 26 January 2023, via web-conference

The [minutes of the 5th WG meeting](#) were agreed by written procedure on 2 March 2023.

V. Scientific topic(s) for discussion

1. CRA for liver effects (EFSA-Q-2020-00752)

¹ As defined in Article 17 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



The WG started the discussion of the conditions triggering the inclusion of active substances into cumulative assessment groups (CAGs).

VI. Next meeting

The next meeting will be held on April 21, 2023, via web conference.

23 February 2023

09:00-17:00

MEETING MINUTES - Agreed on 2 March 2023

Location: Webconference

Attendees:

- Working Group Members: Tamara Coja, Kiriachi Machera, Camilla Recordati
- Hearing Experts¹:
Not Applicable
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
Anna F. Castoldi, Katia Chukwubike, Federica Crivellente (chair), Monica Del Aguila, German Giner, Anna Lanzoni, Luc Mohimont

I. Welcome and apologies for absence

The Chair welcomed the participants.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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.

IV. Agreement of the minutes of the 4th Working Group meeting held on 26 January 2023, via web-conference

The [minutes of the 4th WG meeting](#) were agreed by written procedure on 31 January 2023.

V. Scientific topic(s) for discussion

1. CRA for liver effects (EFSA-Q-2020-00752)

¹ As defined in Article 17 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



The WG discussed the outcome of the pilot needed to test the template for data collection and to finalise the list of liver specific effects together with respective indicators and possible synonyms.

VI. Next meeting

The next meeting will be held on March 16 2023, via web conference.

26 January 2023

09:00-17:00

MEETING MINUTES - Agreed on 31 January 2023

Location: Webconference

Attendees:

- Working Group Members: Tamara Coja, Kiriachi Machera, Camilla Recordati
- Hearing Experts¹:
Not Applicable
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
Anna F. Castoldi, Irene Cattaneo, Ermanno Cavalli, Katia Chukwubike, Federica Crivellente (chair), Monica Del Aguila, Jean Lou Dorne, German Giner, Anna Lanzoni, Sara Levorato, Luc Mohimont

I. Welcome and apologies for absence

The Chair welcomed the participants.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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.

IV. Agreement of the minutes of the 3rd Working Group meeting held on 15 December 2022, via web-conference

The [minutes of the 3rd Working Group meeting](#) were agreed by written procedure on xx Month 202x.

¹ As defined in Article 17 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



V. Scientific topic(s) for discussion

1. CRA for liver effects (EFSA-Q-2020-00752)

The WG discussed the possibility to run a pilot to finalise the list of liver specific effects together with respective indicators and possible synonyms.

VI. Next meeting

The next meeting will be held on 23 February 2023, in Parma or via web conference.



Plant Health and Pesticide Residues Unit

Minutes of the 52nd meeting of the EFSA Working Group on the cumulative risk assessment of pesticides

Held on 15 December 2022, Tele-meeting

(Agreed on 16 December 2022)¹

Participants

- Working Group external Members: Camilla Recordati, Tamara Coja and Kyriaki Machera
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
Pesticide Peer Review Unit: Federica Crivellente (chair), Anna Lanzoni, Anna Castoldi, Katia Chukwubike
Plant Health and Pesticide Residues Unit: Luc Mohimont, Monica Del Aguila
Methodological support unit: -
- Hearing Expert: n.a.

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes at the beginning of the meeting.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, EFSA screened the Annual Declarations of Interest filled out by

¹ Minutes should be published within 15 working days of the final day of the relevant meeting.

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

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. Scientific topic(s) for discussion

4.1. CRA for liver effects ([EFSA-Q-2020-00752](#))

The WG discussed the list of liver specific effects together with relative indicators and possible synonyms.

5. Next meeting(s)

- January 26th, 2023
- February 23rd, 2023
- March 16th, 2023



Plant Health and Pesticide Residues Unit

Minutes of the 51st meeting of the EFSA Working Group on the cumulative risk assessment of pesticides

Held on 13 December 2022, Tele-meeting

(Agreed on 14 December 2022)¹

Participants

- Working Group external Members: Camilla Recordati, Tamara Coja and Kyriaki Machera
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
Pesticide Peer Review Unit: Marco Binaglia, Federica Crivellente (chair), Anna Lanzoni, Anna Castoldi
Plant Health and Pesticide Residues Unit: -
Methodological support unit: -
- Hearing Expert: n.a.

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes at the beginning of the meeting.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, EFSA screened the Annual Declarations of Interest filled out by

¹ Minutes should be published within 15 working days of the final day of the relevant meeting.

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

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. Scientific topic(s) for discussion

4.1. CRA for liver effects ([EFSA-Q-2020-00752](#))

The WG discussed a provisional list of liver specific effects and possible categorisation into primary and secondary.

5. Next meeting(s)

- December 15th, 2022
- January 26th, 2023
- February 23rd, 2023
- March 16th, 2023



Plant Health and Pesticide Residues Unit

Minutes of the 50th meeting of the EFSA Working Group on the cumulative risk assessment of pesticides

Held on 24 October 2022, Tele-meeting

(Agreed on 9 November 2022)¹

Participants

- Working Group external Members: Camilla Recordati, Tamara Coja and Kyriaki Machera
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
Pesticide Peer Review Unit: Federica Crivellente (chair), Anna Lanzoni, Anna Castoldi
Plant Health and Pesticide Residues Unit: Luc Mohimont, Giner German
Methodological support unit: Sara Levorato
- Hearing Expert: John Reginald Foster

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes at the beginning of the meeting.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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

¹ Minutes should be published within 15 working days of the final day of the relevant meeting.

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

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. Scientific topic(s) for discussion

4.1. CRA for liver effects ([EFSA-Q-2020-00752](#))

John Reginald Foster was invited as Hearing Expert to present the approach described in a recent paper (where he is one of the co-authors) on the CRA of hepatotoxic chemicals (<https://journals.sagepub.com/doi/epub/10.1177/0192623319895481>). Such approach, based on the selection of primary effects as specific effects in the liver was then discussed by the WG. Remit of the WG and timelines for activity were also presented.

5. Next meeting(s)

- December 15th, 2022
- January 26th, 2023
- February 23rd, 2023
- March 16th, 2023



Plant Health and Pesticide Residues Unit

Minutes of the 49th meeting of the EFSA Working Group on the cumulative risk assessment of pesticides

Held on 12 September 2022, Tele-meeting

(Agreed on 12 September 2022)¹

Participants

- Working Group external Members: Camilla Recordati, Tamara Coja and Kyriaki Machera
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
Pesticide Peer Review Unit: Federica Crivellente (chair), Anna Lanzoni, Anna Castoldi
Plant Health and Pesticide Residues Unit: Luc Mohimont, Giner German
Methodological support unit: Sara Levorato

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes at the beginning of the meeting.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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

¹ Minutes should be published within 15 working days of the final day of the relevant meeting.

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

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. Scientific topic(s) for discussion

4.1. CRA for kidney effects ([EFSA-Q-2020-00752](#))

The WG discussed the template for data collection of kidney specific effects under the grant agreement GP/EFSA/PLANTS/2022/01 and the pilot phase foreseen at the beginning of the contract.

5. Next meeting(s)

tbd



Plant Health and Pesticide Residues Unit

Minutes of the 48th meeting of the EFSA Working Group on the cumulative risk assessment of pesticides

Held on 30 June 2022, Tele-meeting

(Agreed on 4 July 2022)¹

Participants

- Working Group external Members: Camilla Recordati, Tamara Coja and Kyriaki Machera
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
Pesticide Peer Review Unit: Federica Crivellente (chair), Anna Lanzoni, Anna Castoldi
Plant Health and Pesticide Residues Unit: Luc Mohimont, Giner German
Methodological support unit: Sara Levorato

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes at the beginning of the meeting.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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

¹ Minutes should be published within 15 working days of the final day of the relevant meeting.

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

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. Scientific topic(s) for discussion

4.1. CRA for kidney effects ([EFSA-Q-2020-00752](#))

The WG further finalised the list of specific effects of relevance for cumulative risk assessment and their respective indicators together with their synonyms. The WG started also the discussion of the lines of evidence for CAG membership probability.

5. Next meeting(s)

September 2022 (tbd)



Plant Health and Pesticide Residues Unit

Minutes of the 47th meeting of the EFSA Working Group on the cumulative risk assessment of pesticides

Held on 17 June 2022, Tele-meeting

(Agreed on 18 June 2022)¹

Participants

- Working Group external Members: Camilla Recordati
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
Pesticide Peer Review Unit: Federica Crivellente (chair), Anna Lanzoni
Plant Health and Pesticide Residues Unit: Luc Mohimont

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes at the beginning of the meeting.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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.

¹ Minutes should be published within 15 working days of the final day of the relevant meeting.

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

4. Scientific topic(s) for discussion

4.1. CRA for kidney effects ([EFSA-Q-2020-00752](#))

The WG further discussed the specific effects of relevance for cumulative risk assessment and provided a provisional list of indicators and synonyms.

5. Next meeting(s)

30 June 2022



Plant Health and Pesticide Residues Unit

Minutes of the 46th meeting of the EFSA Working Group on the cumulative risk assessment of pesticides

Held on 10 May 2022, Tele-meeting

(Agreed on 11 May 2022)¹

Participants

- Working Group external Members: Tamara Coja, Kyriaki Machera and Camilla Recordati
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
Pesticide Peer Review Unit: Anna Castoldi, Federica Crivellente (chair), Anna Lanzoni
Plant Health and Pesticide Residues Unit: Luc Mohimont, German Giner (afternoon only)

1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Sara Levorato.

2. Adoption of agenda

The agenda was adopted without changes at the beginning of the meeting.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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.

¹ Minutes should be published within 15 working days of the final day of the relevant meeting.

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

4. Scientific topic(s) for discussion

4.1. CRA for kidney effects ([EFSA-Q-2020-00752](#))

The WG discussed the provisional list of specific effects of relevance for cumulative risk assessment and the definition of a list of indicators/descriptors of such specific effects.

5. Next meeting(s)

17 June 2022



Plant Health and Pesticide Residues Unit

Minutes of the 45th meeting of the EFSA Working Group on the cumulative risk assessment of pesticides

Held on 26 April 2022, Tele-meeting

(Agreed on 27 April 2022)¹

Participants

- Working Group external Members: Tamara Coja, Camilla Recordati
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
Pesticide Peer Review Unit: Federica Crivellente (chair), Anna Lanzoni
Plant Health and Pesticide Residues Unit: Luc Mohimont

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes at the beginning of the meeting.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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.

¹ Minutes should be published within 15 working days of the final day of the relevant meeting.

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

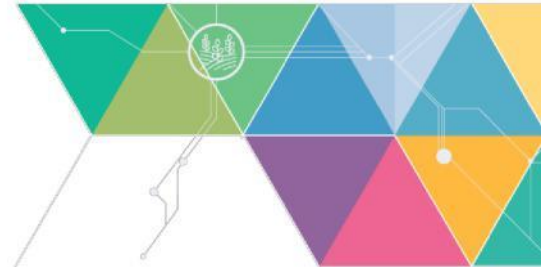
4. Scientific topic(s) for discussion

4.1. CRA for kidney effects ([EFSA-Q-2020-00752](#))

The WG further discussed the specific effects of relevance for cumulative risk assessment by taking into specific consideration the nomenclature, the possible categorisation of effects into acute and chronic as well as into primary or secondary.

5. Next meeting(s)

10 May 2022



Minutes of the 44th meeting of the EFSA Working Group on the cumulative risk assessment of pesticides

**Held on 31 March to 01 April 2022, Tele-meeting
(Agreed on 04 April 2022)**

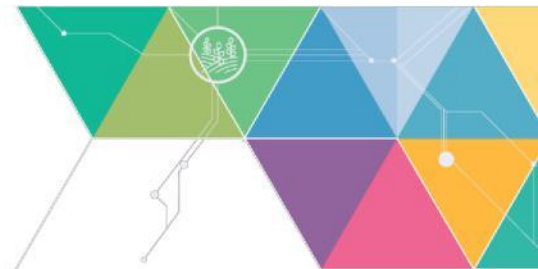
Participants

- Working Group external Members: Chris Anagnostopoulos, Adeline Cavelier, Tamara Coja, Andrew Hart, Wim Hooghe, Kyriaki Machera, Francesca Metruccio, Christian Sieke.
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
The Feed and Contaminants unit: Maria Anastassiadou
The Methodology and Scientific Support unit: Violetta Costanzo, Bruno Dujardin, Sara Levorato
The Plant Health and Pesticide Residues unit: Luis Carrasco Cabrera, German Giner, Samira Jarrah, Luc Mohimont (Chair)
- Observer: Ullrika Sahlin
- Others:
Not Applicable

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda



The agenda was adopted without changes at the beginning of the meeting.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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. Scientific topic(s) for discussion

4.1 CRA for cranio-facial malformations ([EFSA-Q-2020-00752](#))

The Working Group elicited the probabilities of the MOET for the 2 types of craniofacial alterations being below 100 and 500, taking account of dependencies between sources of uncertainty pertaining to toxicology and exposure, and of differences between populations.

5. Next meeting(s)

10 May 2022

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



Minutes of the 43rd meeting of the EFSA Working Group on the cumulative risk assessment of pesticides

**Held on 23 March 2022, Tele-meeting
(Agreed on 25 March 2022)**

Participants

- Working Group external Members: Chris Anagnostopoulos, Adeline Cavelier, Tamara Coja, Andrew Hart, Wim Hooghe, Kyriaki Machera, Francesca Metruccio and Christian Sieke.
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
The Plant Health and Pesticide Residues unit: Luis Carrasco Cabrera, German Giner, Samira Jarrah, Luc Mohimont (Chair)
- Others:
Not Applicable

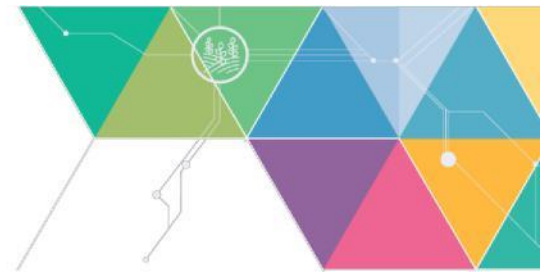
1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes at the beginning of the meeting.

3. Declarations of Interest of Working Groups members



In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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. Scientific topic(s) for discussion

4.1 CRA for cranio-facial malformations ([EFSA-Q-2020-00752](#))

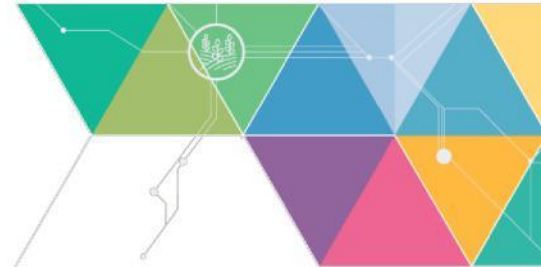
The Working Group reviewed the outcome of Monte Carlo simulations combining the exposure model outputs with the distributions of multiplicative factors representative of exposure and toxicology uncertainties. The elicitation process of EKE Q3 was prepared through training material and a pilot assessment.

5. Next meeting(s)

31 March 2022

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



Minutes of the 42nd meeting of the EFSA Working Group on the cumulative risk assessment of pesticides

**Held on 22 March 2022, Tele-meeting
(Agreed on 22 March 2022)**

Participants

- Working Group external Members: Tamara Coja, Kyriaki Machera, Camilla Record ati.
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
Pesticides Peer Review Unit: Anna Federica Castoldi, Federica Crivellente (chair), Anna Lanzoni
Methodological and Scientific Support Unit: Sara Levorato
- Others:
Not Applicable

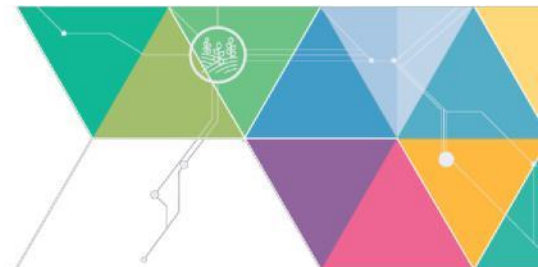
1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes at the beginning of the meeting. Apologies were received by Luc Mohimont.

3. Declarations of Interest of Working Groups members



In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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. Scientific topic(s) for discussion

4.1 CPA for kidney effects ([EFSA-Q-2020-00752](#))

The Working Group further discussed the specific effects of relevance for cumulative risk assessment.

5. Next meeting(s)

10 May 2022

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



Minutes of the 41st meeting of the EFSA Working Group on the cumulative risk assessment of pesticides

**Held on 15 March 2022, Tele-meeting
(Agreed on 17 March 2022)**

Participants

- Working Group external Members: Adeline Cavelier, Tamara Coja, Andrew Hart, Kyriaki Machera, Francesca Metruccio.
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
The Feed and Contaminants unit: Maria Anastassiadou
The Methodology and Scientific Support unit: Sara Levorato
The Pesticide Peer Review unit: Anna Castoldi, Marco Binaglia, Federica Crivellente
The Plant Health and Pesticide Residues unit: German Giner, Luc Mohimont (Chair)
- Observer: Ullrika Sahlin

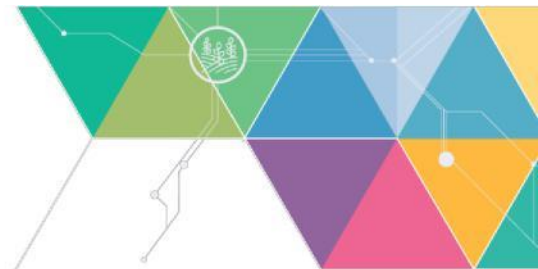
1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes at the beginning of the meeting.

3. Declarations of Interest of Working Groups members



In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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. Guidelines for observers

The EFSA guidelines for observers and information on the code of conduct during and after the plenary meeting were communicated to the observer.

5. Scientific topic(s) for discussion

4.1 CRA for cranio-facial malformations ([EFSA-Q-2020-00752](#))

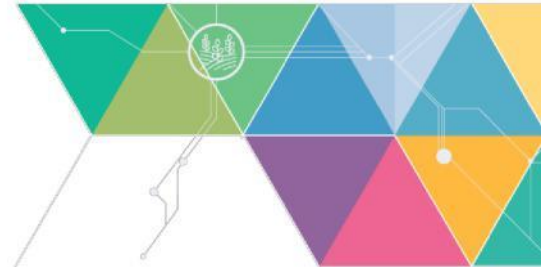
The Working Group elicited the combined impact of sources of uncertainties pertaining to the hazard identification and characterisation.

6. Next meeting(s)

22 March 2022

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



Minutes of the 40th meeting of the EFSA Working Group on the cumulative risk assessment of pesticides

**Held on 11 March 2022, Tele-meeting
(Agreed on 11 March 2022)**

Participants

- Working Group external Members: Chris Anagnostopoulos, Andrew Hart, Wim Hooghe, Christian Sieke.
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
The Feed and Contaminants unit: Maria Anastassiadou
The Methodology and Scientific Support unit: Violetta Costanzo, Bruno Dujardin, Sara Levorato, Paula Medina
The Plant Health and Pesticide Residues unit: Luis Carrasco Cabrera, German Giner, Samira Jarrah, Luc Mohimont (Chair)
- Others:
Not Applicable

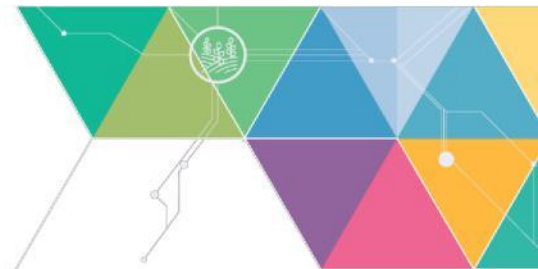
1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes at the beginning of the meeting.

3. Declarations of Interest of Working Groups members



In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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. Scientific topic(s) for discussion

4.1 CRA for cranio-facial malformations ([EFSA-Q-2020-00752](#))

The Working Group discussed the approach of the last step of the uncertainty analysis (Monte-Carlo simulations to combine the distributions of multiplicative factors representative of exposure and toxicology uncertainties with the exposure model output, assessment of dependencies and population differences, elicitation of probabilities of exceeding thresholds of regulatory consideration).

5. Next meeting(s)

15 March 2022

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



Minutes of the 39th meeting of the EFSA Working Group on the cumulative risk assessment of pesticides

**Held on 16 and 18 February 2022, Tele-meeting
(Agreed on 25 February 2022)**

Participants

- Working Group external Members: Chris Anagnostopoulos, Andrew Hart, Wim Hooghe, Christian Sieke.
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
The Feed and Contaminants unit: Maria Anastassiadou
The Methodology and Scientific Support unit: Violetta Costanzo, Bruno Dujardin
The Plant Health and Pesticide Residues unit: Luis Carrasco Cabrera, German Giner, Samira Jarrah, Luc Mohimont (Chair)
- Others:
Not Applicable

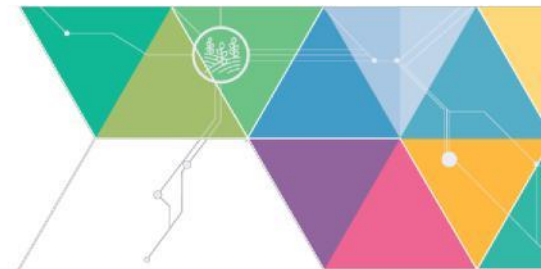
1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes at the beginning of the meeting.

3. Declarations of Interest of Working Groups members



In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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. Scientific topic(s) for discussion

4.1 CRA for cranio-facial malformations ([EFSA-Q-2020-00752](#))

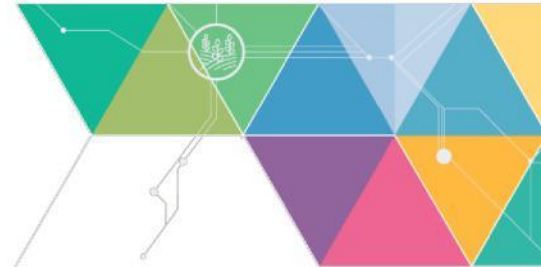
The Working Group elicited the combined impact of sources of uncertainties pertaining to the exposure assessment.

5. Next meeting(s)

11 March 2022

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



Minutes of the 38th meeting of the EFSA Working Group on the cumulative risk assessment of pesticides

**Held on 9, 10 and 11 February 2022, Tele-meeting
(Agreed on 11 February 2022)**

Participants

- Working Group external Members: Chris Anagnostopoulos, Andrew Hart, Wim Hooghe, Christian Sieke.
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
The Feed and Contaminants unit: Maria Anastassiadou
The Methodology and Scientific Support unit: Violetta Costanzo, Bruno Dujardin
The Plant Health and Pesticide Residues unit: Luis Carrasco Cabrera, German Giner, Samira Jarrah, Luc Mohimont (Chair)
- Others:
Not Applicable

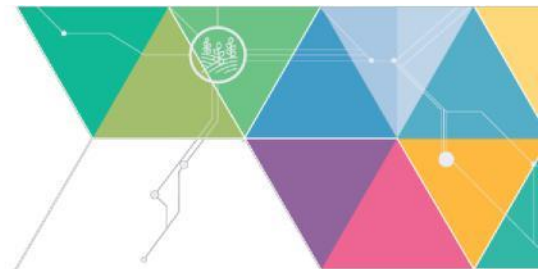
1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes at the beginning of the meeting.

3. Declarations of Interest of Working Groups members



In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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. Scientific topic(s) for discussion

4.1 CRA for cranio-facial malformations ([EFSA-Q-2020-00752](#))

The Working Group elicited the individual impact of sources of uncertainties pertaining to the exposure assessment.

5. Next meeting(s)

16 February 2022

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



Minutes of the 37th meeting of the EFSA Working Group on the cumulative risk assessment of pesticides

**Held on 8 and 15 February 2022, Tele-meeting
(Agreed on 15 February 2022)**

Participants

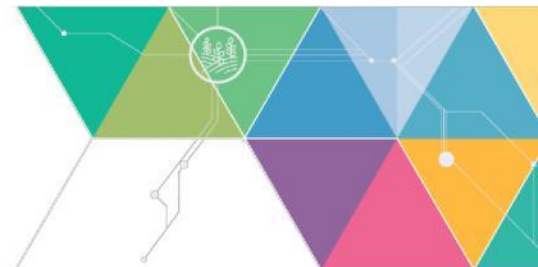
- Working Group external Members: Adeline Cavelier, Tamara Coja, Andrew Hart, Kyriaki Machera, Francesca Metruccio
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
The Feed and Contaminants unit: Maria Anastassiadou
The Methodology and Scientific Support unit: Sara Levorato
The Pesticide Peer Review unit: Anna Castoldi, Marco Binaglia, Federica Crivellente
The Plant Health and Pesticide Residues unit: Luc Mohimont (Chair), Luis Carrasco Cabrera
- Others:
Not Applicable

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes at the beginning of the meeting.



3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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. Scientific topic(s) for discussion

4.1 CRA for cranio-facial malformations ([EFSA-Q-2020-00752](#))

The Working Group elicited the individual impact of sources of uncertainties pertaining to the toxicological assessment.

5. Next meeting

15 March 2022.

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



Minutes of the 36th meeting of the EFSA Working Group on the cumulative risk assessment of pesticides

**Held on 1 and 2 February 2022, Tele-meeting
(Agreed on 07 February 2022)**

Participants

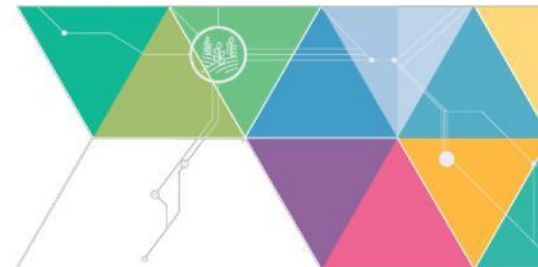
- Working Group external Members: Tamara Coja, Andrew Hart, Kyriaki Machera, Elena Menegola,
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
The Methodology and Scientific Support unit: Sara Levorato
The Pesticide Peer Review unit: Anna Castoldi, Binaglia Marco, Federica Crivellente
The Plant Health and Pesticide Residues unit: Luc Mohimont (Chair), German Giner
- Others:
Not Applicable

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes at the beginning of the meeting.



3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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. Scientific topic(s) for discussion

4.1 CRA for cranio-facial malformations ([EFSA-Q-2020-00752](#))

The Working Group elicited:

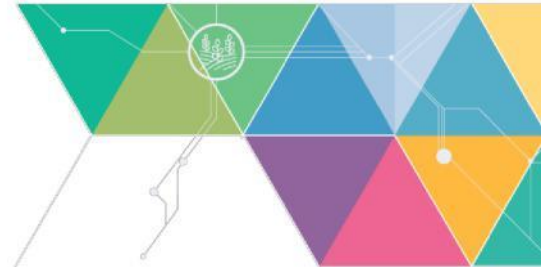
- The weight of the lines of evidence demonstrating that the substances included in the CAGs are actually causing the respective effects as primary toxicity
- The probability that the substances identified as risk drivers are actually causing the respective effects as primary toxicity, based on the existing evidence.

5. Next meeting

8 February 2022.

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



Minutes of the 35th meeting of the EFSA Working Group on the cumulative risk assessment of pesticides

**Held on 25 January 2022, Tele-meeting
(Agreed on 26 January 2022)**

Participants

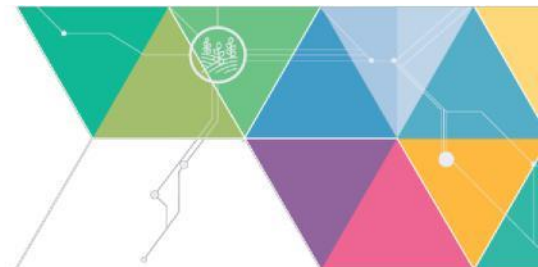
- Working Group external Members: Tamara Coja, Kyriaki Machera, Camilla Record ati
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
The Evidence Management unit: Sara Levorato
The Pesticide Peer Review unit: Anna Castoldi, Federica Crivellente (Chair)
The Plant Health and Pesticide Residues unit: Luc Mohimont, German Giner
- Others:
Not Applicable

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes at the beginning of the meeting.



3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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. Scientific topic(s) for discussion

4.1 CPA for kidney effects ([EFSA-Q-2020-00752](#))

The different toxic effects occurring in the kidneys and their interconnections were discussed in relation to their possible relevance for cumulative risk assessment by applying the dose-addition model.

5. Next meeting

22 March 2022.

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



EFSA Working group of Pesticide Residues Unit

Minutes of the 34th meeting of the EFSA Working Group on the cumulative risk assessment of pesticides

Held on 25 November 2021, Tele-meeting

(Agreed on 26 November 2021)

Participants

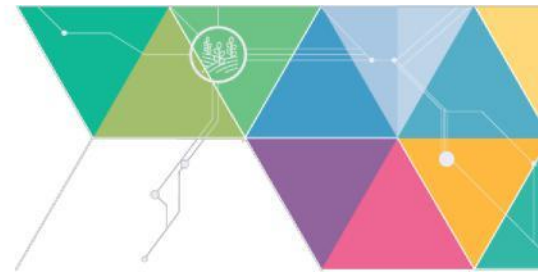
- Working Group external Members: Tamara Coja, Kyriaki Machera, Camilla Recordati
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
The Evidence Management unit: Sara Levorato
The Pesticide Peer review unit: Anna Castoldi (until 11 am), Federica Crivellente (Chair)
The Pesticide Residues unit: Luc Mohimont, German Giner
- Others:
Not Applicable

1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Sara Levorato.

2. Adoption of agenda

The agenda was adopted without changes at the beginning of the meeting.



3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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. Scientific topic(s) for discussion

4.1 CPA for kidney effects ([EFSA-Q-2020-00752](#))

A revision of the nomenclature for kidney lesions from NTP (National Toxicology Program) Atlas (non-neoplastic lesions only), from the US ToxRefDB (Toxicity Reference Database) and from INHAND (International Harmonisation of nomenclature and diagnostic criteria) was discussed. The nature of these lesions (primary, secondary, acute, chronic), as well as their interdependence, were discussed.

5. Next meeting(s)

25 January 2022.

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



EFSA Working group of Pesticide Residues Unit

Minutes of the 33rd meeting of the EFSA Working Group on the cumulative risk assessment of pesticides

Held on 27 October 2021, Tele-meeting

(Agreed on 29 October 2021)

Participants

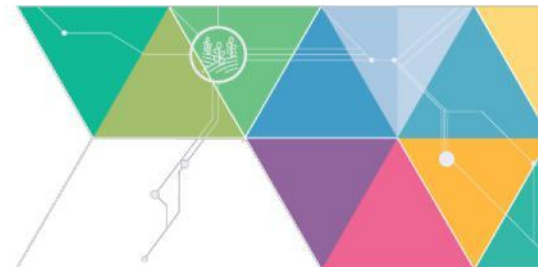
- Working Group external Members: Tamara Coja, Kyriaki Machera, Camilla Recordati
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
The Evidence Management unit: Sara Levorato
The Pesticide Peer review unit: Anna Castoldi, Federica Crivellente (Chair)
The Pesticide Residues unit: Luc Mohimont
- Others:
Not Applicable

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes at the beginning of the meeting.



3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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. Scientific topic(s) for discussion

4.1 CPA for kidney effects ([EFSA-Q-2020-00752](#))

EFSA introduced the project and its place in the overall workplan in the area of cumulative risk assessment of pesticides. AS first step, it was agreed to compile a list of findings related to kidney toxic effects that can be retrieved from toxicological studies.

5. Next meeting(s)

25 November 2021.

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



EFSA Working group of Pesticide Residues Unit

Minutes of the 32nd meeting of the EFSA Working Group on the cumulative risk assessment of pesticides

Held on 21 October 2021, Tele-meeting

(Agreed on 22 October 2021)

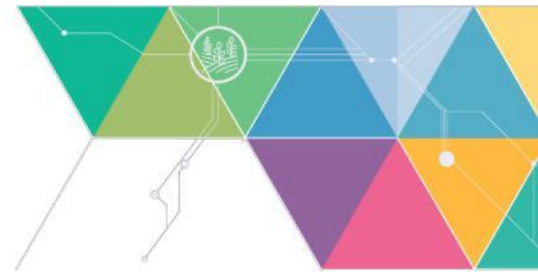
Participants

- Working Group external Members: Chris Anagnostopoulos, Andrew Hart, Wim Hooghe, Christian Sieke.
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
The Evidence Management unit: Violetta Costanzo, Bruno Dujardin, Paula Medina
The Pesticide Residues unit: Maria Anastassiadou, Samira Jarrah, Luc Mohimont (Chair)
- Others:
Not Applicable

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda



The agenda was adopted without changes at the beginning of the meeting.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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. Scientific topic(s) for discussion

4.1 CRA for cranio-facial malformations ([EFSA-Q-2020-00752](#))

The working Group discussed the workplan to remedy the issues identified in the previous meeting.

5. Next meeting(s)

27 October 2021

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



EFSA Working group of Pesticide Residues Unit

Minutes of the 31st meeting of the EFSA Working Group on the cumulative risk assessment of pesticides

Held on 12 October 2021, Tele-meeting

(Agreed on 13 October 2021)

Participants

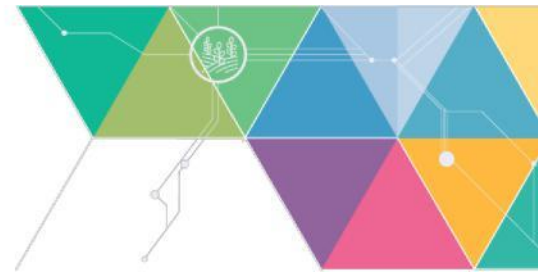
- Working Group external Members: Tamara Coja, Andrew Hart, Kyriaki Machera, Elena Menegola
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
The Evidence Management unit: Sara Levorato
The Pesticide Peer review unit: Anna Castoldi, Federica Crivellente (Chair), Manuela Tiramani (partly)
The Pesticide Residues unit: Luc Mohimont
- Others:
Not Applicable

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes at the beginning of the meeting.



3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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. Scientific topic(s) for discussion

4.1 CRA for cranio-facial malformations ([EFSA-Q-2020-00752](#))

The working Group identified issues concerning the data used in the assessment process and agreed on tasks to solve them. In addition, the weight of the lines of evidence supporting that the substances included in the CAGs are actually causing the respective effects as primary toxicity were discussed.

5. Next meeting(s)

21 October 2021

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



EFSA Working group of Pesticide Residues Unit

Minutes of the 30th meeting of the EFSA Working Group on the cumulative risk assessment of pesticides

Held on 24 September 2021, Tele-meeting

(Agreed on 28 September 2021)

Participants

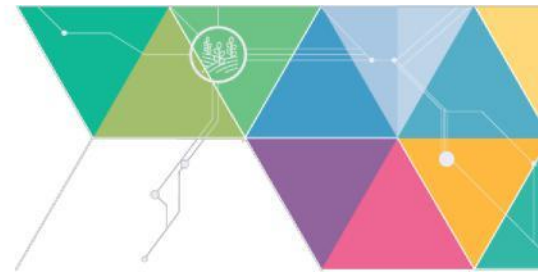
- Working Group external Members: Adeline Cavelier, Tamara Coja, Andrew Hart, Kyriaki Machera, Francesca Metruccio.
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
The Evidence Management unit: Sara Levorato
The Pesticide Peer Review unit: Anna Castoldi, Federica Crivellente
The Pesticide Residues unit: Maria Anastassiadou, German Giner, Luc Mohimont (Chair)
- Others:
Not Applicable

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes at the beginning of the meeting.



3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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. Scientific topic(s) for discussion

4.1 CRA for cranio-facial malformations ([EFSA-Q-2020-00752](#))

The Working Group continued the discussion of the individual impact of the sources of uncertainty in the area of toxicology affecting the CRA for craniofacial malformations.

5. Next meeting(s)

12 October 2021

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



EFSA Working group of Pesticide Residues Unit

Minutes of the 29th meeting of the EFSA Working Group on the cumulative risk assessment of pesticides

Held on 17 on 20 September 2021, Tele-meeting

(Agreed on 28 September 2021)

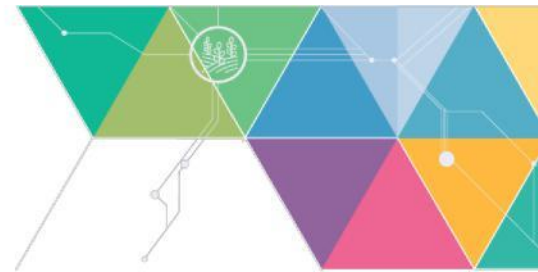
Participants

- Working Group external Members: Chris Anagnostopoulos, Andrew Hart, Wim Hooghe, Christian Sieke.
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
The Evidence Management unit: Violetta Costanzo, Bruno Dujardin, Sara Levorato, Paula Medina
The Pesticide Residues unit: Maria Anastassiadou, German Giner, Samira Jarrah, Luc Mohimont (Chair)
- Others:
Not Applicable

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda



The agenda was adopted without changes at the beginning of the meeting.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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. Scientific topic(s) for discussion

4.1 CRA for cranio-facial malformations ([EFSA-Q-2020-00752](#))

The Working Group started the discussion of the individual impact of the sources of uncertainty in the area of exposure affecting the CRA for craniofacial malformations. The impact was quantified by expert knowledge elicitation.

5. Next meeting(s)

24 September 2021

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



EFSA Working group of Pesticide Residues Unit

Minutes of the 28th meeting of the EFSA Working Group on the cumulative risk assessment of pesticides

Held on 07 and 09 September 2021, Tele-meeting

(Agreed on 14 September 2021)

Participants

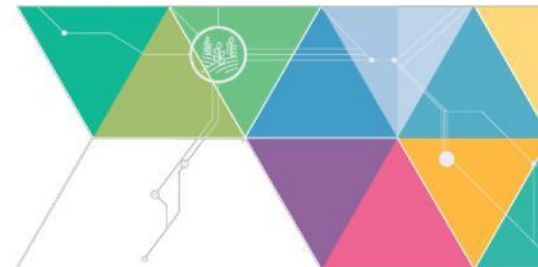
- Working Group external Members: Adeline Cavelier, Tamara Coja, Andrew Hart, Kyriaki Machera, Francesca Metrucchio
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
The Evidence Management unit: Sara Levorato
The Pesticide Peer Review unit: Anna Castoldi, Federica Crivellente
The Pesticide Residues unit: Maria Anastassiadou, German Giner, Luc Mohimont (Chair)
- Others:
Not Applicable

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes at the beginning of the meeting.



3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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. Scientific topic(s) for discussion

4.1 CRA for cranio-facial malformations ([EFSA-Q-2020-00752](#))

The Working Group started the discussion of the individual impact of the sources of uncertainty in the area of toxicology affecting the CRA for craniofacial malformations. The impact was quantified by expert knowledge elicitation.

5. Next meeting(s)

17 September 2021

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



EFSA Working group of Pesticide Residues Unit

Minutes of the 27th meeting of the EFSA Working Group on the cumulative risk assessment of pesticides

Held on 06 September 2021, Tele-meeting

(Agreed on 14 September 2021)

Participants

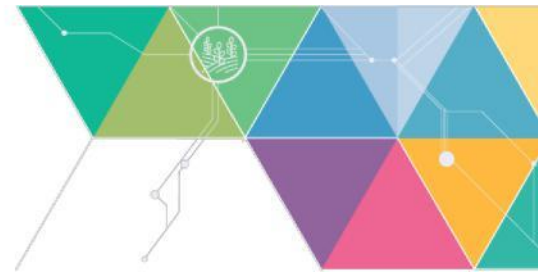
- Working Group external Members: Tamara Coja, Andrew Hart, Kyriaki Machera, Elena Menegola
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
The Pesticide Peer Review unit: Anna Castoldi, Federica Crivellente
The Evidence Management unit: Sara Levorato
The Pesticide Residues unit: Luc Mohimont (Chair)
- Others:
Not Applicable

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes at the beginning of the meeting.



3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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. Scientific topic(s) for discussion

4.1 CRA for cranio-facial malformations ([EFSA-Q-2020-00752](#))

The Working Group discussed the content of the report and in particular the lines of evidence supporting that the active substances included in the CAG are actually causing craniofacial alterations as a primary effect.

5. Next meeting(s)

07 September 2021

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



EFSA Working group of Pesticide Residues Unit

Minutes of the 26th meeting of the EFSA Working Group on the cumulative risk assessment of pesticides

Held on 08 July 2021, Tele-meeting

(Agreed on 15 July 2021)

Participants

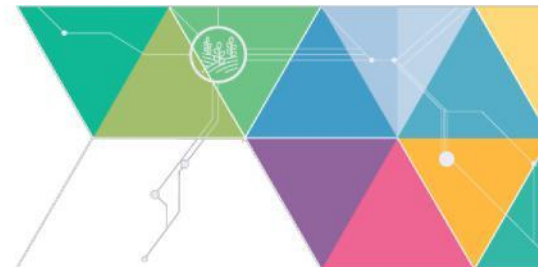
- Working Group external Members: Wim Hooghe, Christian Sieke, Chris Anagnostopoulos
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
The Evidence Management unit: Bruno Dujardin, Sara Levorato, Paula Medina
The Pesticide Residues unit: Maria Anastassiadou, German Giner, Samira Jarrah, Luc Mohimont (Chair)
- Others:
Not Applicable

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes at the beginning of the meeting.



3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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. Scientific topic(s) for discussion

4.1 CRA for cranio-facial malformations ([EFSA-Q-2020-00752](#))

The participants discussed the sources of uncertainty pertaining to exposure and affecting the assessment of the cumulative risks of craniofacial malformations.

5. Next meeting(s)

06 September 2021

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



EFSA Working group of Pesticide Residues Unit

Minutes of the 25th meeting of the EFSA Working Group on the cumulative risk assessment of pesticides

Held on 24 June 2021, Tele-meeting

(Agreed on 15 July 2021)

Participants

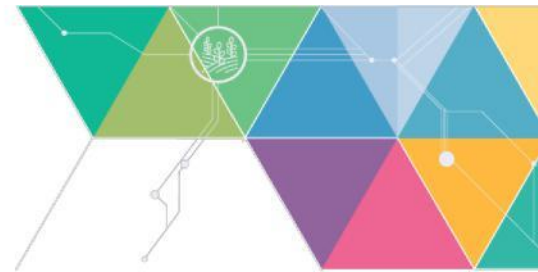
- Working Group external Members: Adeline Cavelier, Tamara Coja, Andrew Hart, Kyriaki Machera and Francesca Metruccio
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
The Pesticide Peer review unit: Anna Castoldi, Federica Crivellente
The Pesticide Residues unit: Maria Anastassiadou, Luc Mohimont (Chair)
- Others:
Not Applicable

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes at the beginning of the meeting.



3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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. Scientific topic(s) for discussion

4.1 CRA for cranio-facial malformations ([EFSA-Q-2020-00752](#))

The participants discussed the sources of uncertainty pertaining to toxicology and affecting the assessment of the cumulative risks of craniofacial malformations.

5. Next meeting(s)

08 July 2021

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



EFSA Working group of Pesticide Residues Unit

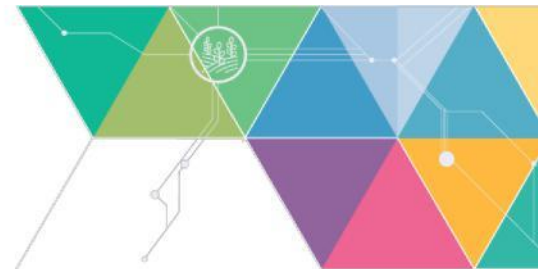
Minutes of the 24th meeting of the EFSA Working Group on the cumulative risk assessment of pesticides

Held on 26 April 2021, Tele-meeting

(Agreed on 27 April 2021)

Participants

- Working Group external Members: Tamara Coja, Kyriaki Machera and Elena Menegola
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
The Pesticide Peer review unit: Federica Crivellente (Chair), Anna Castoldi
The Pesticide Residues unit: Luc Mohimont
The Evidence Management unit: Sara Levorato
- Others:
Not Applicable



1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes at the beginning of the

meeting. **3. Declarations of Interest of Working Groups members**

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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. Scientific topic(s) for discussion

4.1 CRA for cranio-facial malformations ([EFSA-Q-2020-00752](#))

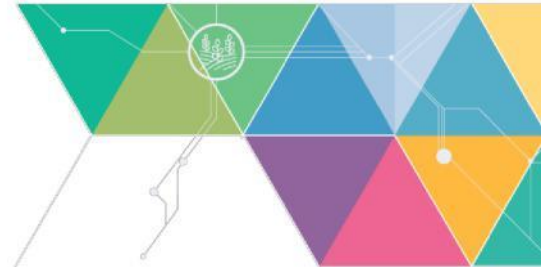
The Working Group discussed the composition of the cumulative assessment groups for the 2 types of malformations selected as specific effects to perform cumulative risk assessments. The substances included in these cumulative assessment groups were also characterised by a NOAEL for the respective specific effect.

5. Next meeting(s)

24 June 2021

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



EFSA Working group of Pesticides Residues Unit

Minutes of the 23rd meeting of the EFSA Working Group on the cumulative risk assessment of pesticides

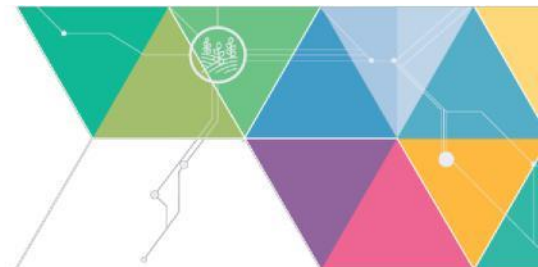
Held on 23 March 2021, Tele-meeting

(Agreed on 29 March 2021)¹

Participants

- Working Group external Members: Tamara Coja, Kyriaki Machera and Elena Menegola
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
The Pesticide Peer review unit: Federica Crivellente (Chair)
The Pesticides Residues unit : Luc Mohimont
- Others:
Not Applicable

¹ Minutes should be published within 15 working days of the final day of the relevant meeting.



1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes at the beginning of the meeting.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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. Scientific topic(s) for discussion

4.1 CRA for cranio-facial malformations ([EFSA-Q-2020-00752](#))

The working group agreed on some modalities to harmonize the collection of indicators of cranio-facial malformations and discussed principles to characterise the substances included in the cumulative assessment groups for the 2 types of malformations identified. Lines on evidence supporting the assessment of the probability that the substances actually cause the effect were further discussed.

5. Any Other Business

Not Applicable

6. Next meeting(s)

26 April 2021

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



EFSA Working group of Pesticide Residues Unit

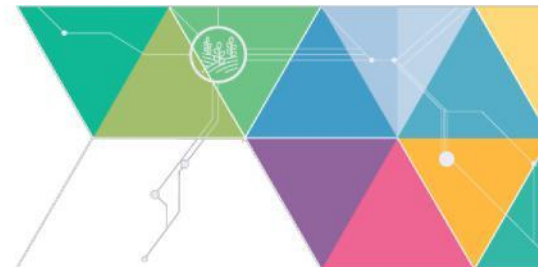
Minutes of the 22nd meeting of the EFSA Working Group on the cumulative risk assessment of pesticides

Held on 19 February 2021, Tele-meeting

(Agreed on 26 February 2021)

Participants

- Working Group external Members: Tamara Coja, Kyriaki Machera and Elena Menegola
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
The Pesticide Peer review unit: Federica Crivellente (Chair)
The Pesticide Residues unit: Luc Mohimont
The Evidence Management Unit: Sara Levorato
- Others:
Not Applicable



1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes at the beginning of the

meeting. **3. Declarations of Interest of Working Groups members**

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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. Scientific topic(s) for discussion

4.1 CRA for cranio-facial malformations ([EFSA-Q-2020-00752](#))

The outcome of the data collection concerning about 70 prioritised substances and metabolites was discussed, and technical issues were addressed. A list of lines of evidence supporting that a substance is actually causing the 2 types of cranio-facial malformations identified for cumulative risk assessment was established. The outline of the sections dealing with the establishment of cumulative assessment groups and the hazard assessment of the included substances was also discussed.

5. Next meeting(s)

23 March 2021

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



EFSA Working group of Pesticides Residues Unit

Minutes of the 21st meeting of the EFSA Working Group on the cumulative risk assessment of pesticides

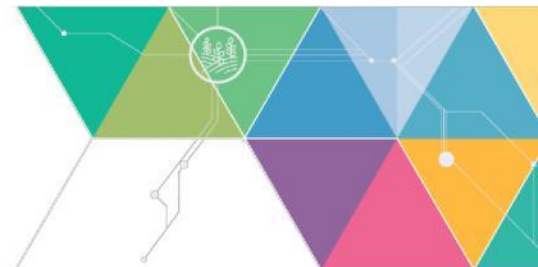
Held on 21 January 2021, Tele-meeting

(Agreed on 29 January 2021)¹

Participants

- Working Group external Members: Tamara Coja, Kyriaki Machera and Elena Menegola
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
The Pesticide Peer review unit: Federica Crivellente (Chair)
The Pesticides Residues unit : Luc Mohimont
The Evidence Management Unit: Sara Levorato
- Others:
Not Applicable

¹ Minutes should be published within 15 working days of the final day of the relevant meeting.



1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes at the beginning of the meeting.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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. Scientific topic(s) for discussion

4.1 CRA for cranio-facial malformations ([EFSA-Q-2020-00752](#))

The indicators of the 2 types of cranio-facial malformations were further discussed. The practical modalities to collect relevant information from the source documents were defined and a data collection template was prepared.

5. Any Other Business

Not Applicable

6. Next meeting(s)

19 February 2021

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



EFSA Working group of Pesticide Residues Unit

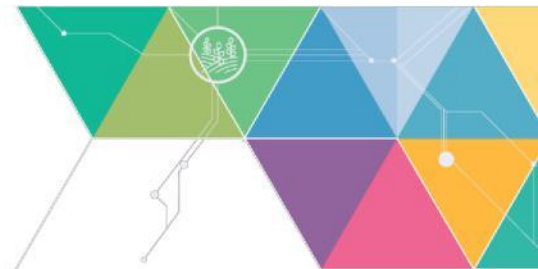
Minutes of the 20th meeting of the EFSA Working Group on the cumulative risk assessment of pesticides

Held on 15 December 2020, Tele-meeting

(Agreed on 18 December 2020)

Participants

- Working Group external Members: Tamara Coja, Kyriaki Machera and Elena Menegola
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
The Pesticide Peer review unit: Federica Crivellente (Chair) and Anna Castoldi
The Pesticide Residues unit: Luc Mohimont
The Evidence Management Unit: Sara Levorato
The Scientific Committee and Emerging Risk Unit: Jean-Lou Dorne
- Others:
Not Applicable



1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes at the beginning of the meeting.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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. Scientific topic(s) for discussion

4.1 CRA for cranio-facial malformations ([EFSA-Q-2020-00752](#))

Based on the initial findings in toxicological studies related to cranio-facial malformations, the WG identified 2 types of cranio-facial malformations that need to be distinguished in the perspective of cumulative risk assessment: cranio-facial alterations due to abnormal skeletal development and head alterations not due to abnormal skeletal development. The respective indicators and a strategy to elaborate a cumulative assessment group regarding cranio-facial alterations due to abnormal skeletal development were discussed.

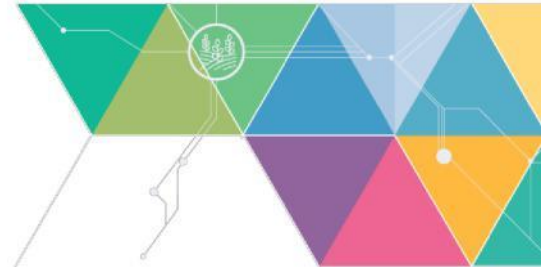
The Working Group also agreed that this grouping approach was complying to the draft Scientific Opinion/Guidance of the scientific Committee on scientific criteria for grouping chemicals into assessment groups.

5. Next meeting(s)

22 January 2021

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



EFSA Working group of Pesticides Residues Unit

Minutes of the 19th meeting of the EFSA Working Group on the cumulative risk assessment of pesticides

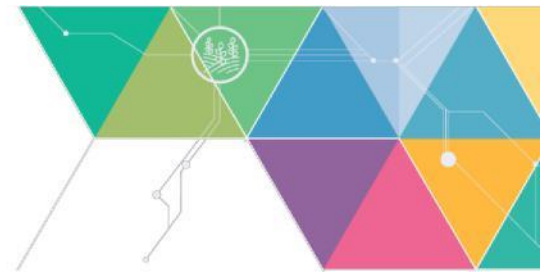
Held on 26 November 2020, Tele-meeting

(Agreed on 08 December 2020)¹

Participants

- Working Group external Members: Tamara Coja, Kyriaki Machera and Elena Menegola
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
The Pesticide Peer review unit: Federica Crivellente (Chair) and Anna Castoldi
The Pesticides Residues unit : Luc Mohimont
The Evidence Management Unit: Sara Levorato
- Others:
Not Applicable

¹ Minutes should be published within 15 working days of the final day of the relevant meeting.



1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes at the beginning of the meeting.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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. Scientific topic(s) for discussion

4.1 CRA for cranio-facial malformations ([EFSA-Q-2020-00752](#))

EFSA introduced the project and its place in the overall workplan in the area of cumulative risk assessment of pesticides. The approach to establish cumulative assessment group was presented and it was discussed how to apply it to cranio-facial malformations. AS first step, it was agreed to compile a list of findings in toxicological studies related to cranio-facial malformations, considering also the WHO report of a WHO Registry Meeting on Craniofacial Anomalies (2001).

5. Any Other Business

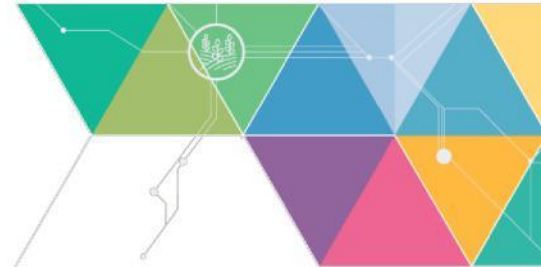
Not Applicable

6. Next meeting(s)

15 December 2020

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



EFSA Working group of Pesticides Residues Unit

Minutes of the 18th meeting of the EFSA Working Group on the cumulative risk assessment of pesticides for their effects on the nervous system and the thyroid

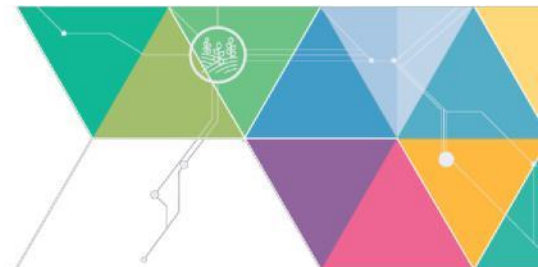
Held on 20 November 2020, Tele-meeting

(Agreed on 27 November 2020)¹

Participants

- Working Group external Members:
Judy Choi, Tamara Coja, Andrew David Hart, Antonio Hernández-Jerez, Kyriaki Machera, Alexandra Mienne, Marloes Schepens and Anneli Widenfalk
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
The Pesticides Residues unit : Maria Anastassiadou, Samira Jarrah and Luc Mohimont (chair)
The Pesticide Peer review unit: Fed erica Crivellente and Iris Mangas
The Evidence Management Unit: Bruno Dujardin and Sara Levorato
- Others:
Not Applicable

¹ Minutes should be published within 15 working days of the final day of the relevant meeting.



1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes at the beginning of the meeting.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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. Scientific topic(s) for discussion

4.1 CRA for chronic acetylcholinesterase inhibition ([EFSA-Q-2020-00411](#))

The participants discussed and reached a consensus by expert knowledge elicitation techniques on the impact of dependencies between uncertainties pertaining to exposure and toxicology and differences between populations on the assessment of cumulative risks of chronic acetyl cholinesterase inhibition.

0. Any Other Business

Not Applicable

5. Next meeting(s)

Not Applicable

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



EFSA Working group of Pesticides Residues Unit

Minutes of the 17th meeting of the EFSA Working Group on the cumulative risk assessment of pesticides for their effects on the nervous system and the thyroid

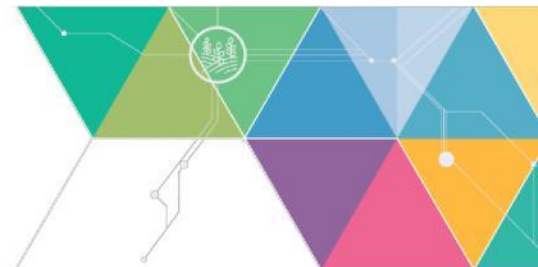
Held on 30 September 2020, Tele-meeting

(Agreed on 05 October 2020)¹

Participants

- Working Group external Members:
Andrew David Hart, Alexandra Mienne, Marloes Schepens and Anneli Widenfalk
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
The Pesticides Residues unit : Maria Anastassiadou, Samira Jarrah and Luc Mohimont (chair)
The Evidence Management Unit: Bruno Dujardin
- Others:
Not Applicable

¹ Minutes should be published within 15 working days of the final day of the relevant meeting.



1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes at the beginning of the meeting.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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. Scientific topic(s) for discussion

4.1 CRA for chronic acetylcholinesterase inhibition ([EFSA-Q-2020-00411](#))

The participants discussed and reached a consensus by expert knowledge elicitation techniques on the combined impact of uncertainties pertaining to exposure on the assessment of cumulative risks of chronic acetyl cholinesterase inhibition.

1. Any Other Business

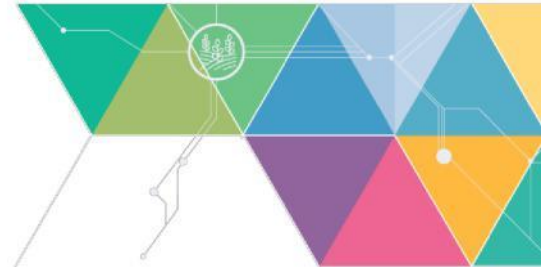
Not Applicable

5. Next meeting(s)

20 November 2020

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



EFSA Working group of Pesticides Residues Unit

Minutes of the 16th meeting of the EFSA Working Group on the cumulative risk assessment of pesticides for their effects on the nervous system and the thyroid

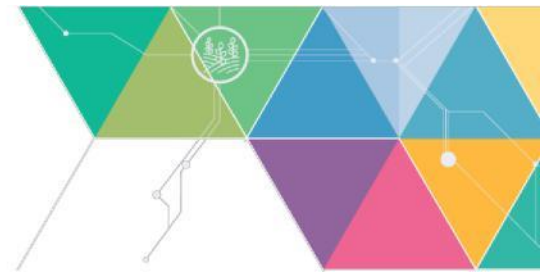
Held on 29 October 2020, Tele-meeting

(Agreed on 05 October 2020)¹

Participants

- Working Group external Members:
Judy Choi, Tamara Coja, Andrew David Hart, Antonio Hernandez-Jerez and Kyriaki Machera
- Hearing Experts:
Not Applicable
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
The Pesticides Residues unit: Luc Mohimont (chair) and Maria Anastassiadou
The Pesticides Peer Review unit: Iris Manga
- Others:
Not Applicable

¹ Minutes should be published within 15 working days of the final day of the relevant meeting.



1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes at the beginning of the meeting.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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. Scientific topic(s) for discussion

4.1 CRA for chronic acetylcholinesterase inhibition ([EFSA-Q-2020-00411](#))

The participants discussed and reached a consensus by expert knowledge elicitation techniques on the combined impact of uncertainties pertaining to toxicology on the assessment of cumulative risks of chronic acetyl cholinesterase inhibition.

2. Any Other Business

Not Applicable

5. Next meeting(s)

20 November 2020

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



EFSA Working group of Pesticides Residues Unit

Minutes of the 15th meeting of the EFSA Working Group on the cumulative risk assessment of pesticides for their effects on the nervous system and the thyroid

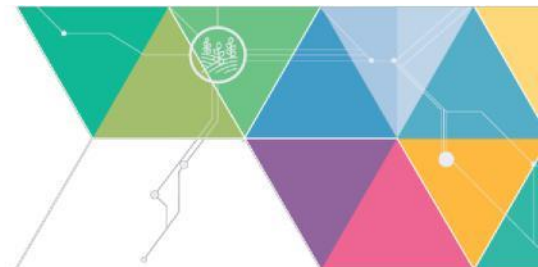
Held on 08 July 2020, Tele-meeting

(Agreed on 14 July 2020)¹

Participants

- Working Group external Members:
Andrew David Hart, Alexandra Mienne, Marloes Scheppens and Anneli Widen falk
- Hearing Experts:
Not Applicable
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
The Pesticides Residues unit : Maria Anastassiadou, Samira Jarrah and Luc Mohimont (chair)
The Data Team (exposure): Bruno Dujardin
- Others:
Not Applicable

¹ Minutes should be published within 15 working days of the final day of the relevant meeting.



1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes at the beginning of the meeting.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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. Scientific topic(s) for discussion

4.1 CRA for chronic acetylcholinesterase inhibition ([EFSA-Q-2020-00411](#))

The participants discussed and reached consensus by expert knowledge elicitation techniques on the individual impact of most of the sources of uncertainty pertaining to exposure and regarding the assessment of the cumulative risks of chronic acetylcholinesterase inhibition. For some sources of uncertainty, it was agreed to collect additional information.

3. Any Other Business

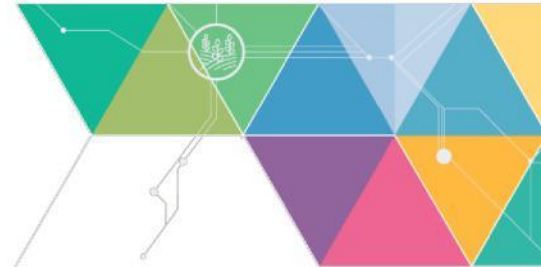
Not Applicable

5. Next meeting(s)

29 September 2020

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



EFSA Working group of Pesticides Residues Unit

Minutes of the 14th meeting of the EFSA Working Group on the cumulative risk assessment of pesticides for their effects on the nervous system and the thyroid

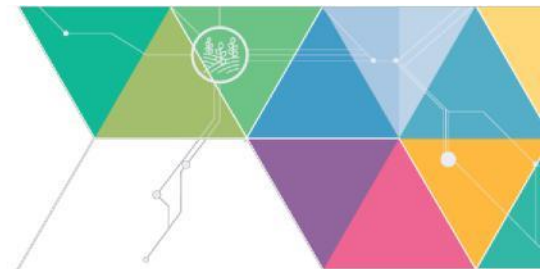
Held on 07 July 2020, Tele-meeting

(Agreed on 14 July 2020)¹

Participants

- Working Group external Members:
Judy Choi, Tamara Coja, Andrew David Hart, Antonio Hernandez-Jerez and Kyriaki Machera
- Hearing Experts:
Not Applicable
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
The Pesticides Residues unit: Maria Anastassiadou and Luc Mohimont (chair)
The Pesticides Peer Review unit: Alfonso Lostia and Iris Manga
- Others:
Not Applicable

¹ Minutes should be published within 15 working days of the final day of the relevant meeting.



1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes at the beginning of the meeting.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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. Scientific topic(s) for discussion

4.1 CRA for chronic acetylcholinesterase inhibition ([EFSA-Q-2020-00411](#))

The participants discussed and reached consensus by expert knowledge elicitation techniques on the individual impact of most of the sources of uncertainty pertaining to toxicology and regarding the assessment of the cumulative risks of chronic acetylcholinesterase inhibition. For some sources of uncertainty, it was agreed to collect additional information.

4. Any Other Business

Not Applicable

5. Next meeting(s)

08 July 2020

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



EFSA Working group of Pesticides Residues Unit

Minutes of the 13th meeting of the EFSA Working Group on the cumulative risk assessment of pesticides for their effects on the nervous system and the thyroid

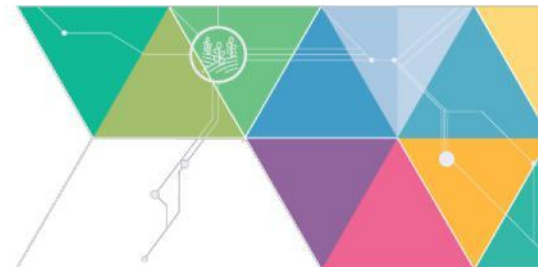
Held on 08 June 2020, Tele-meeting

(Agreed on 19 June 2020)¹

Participants

- Working Group external Members:
Judy Choi, Tamara Coja, Andrew David Hart, Antonio Hernandez-Jerez and Kyriaki Machera
- Hearing Experts:
Not Applicable
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
The Pesticides Residues unit: Maria Anastassiadou and Luc Mohimont (chair)
The Pesticides Peer Review unit: Alfonso Lostia and Iris Manga
- Others:

¹ Minutes should be published within 15 working days of the final day of the relevant meeting.



Not Applicable

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes at the beginning of the meeting.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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. Scientific topic(s) for discussion

4.1 CRA for chronic acetylcholinesterase inhibition ([EFSA-Q-2020-00411](#))

The participants discussed the sources of uncertainty pertaining to toxicology and affecting the assessment of the cumulative risks of chronic acetylcholinesterase inhibition.

5. Any Other Business

Not Applicable

5. Next meeting(s)

07 July 2020

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



EFSA Working group of Pesticides Residues Unit

Minutes of the 12th meeting of the EFSA Working Group on the cumulative risk assessment of pesticides for their effects on the nervous system and the thyroid

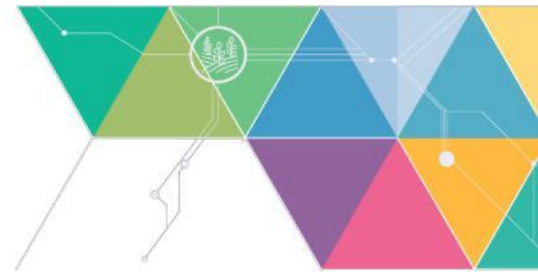
Held on 03 June 2020, Tele-meeting

(Agreed on 18 June 2020)¹

Participants

- Working Group external Members:
Andrew David Hart, Alexandra Mienne, Marloes Scheppens and Anneli Widenfalk
- Hearing Experts:
Not Applicable
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
The Pesticides Residues unit : Maria Anastassiadou, Samira Jarrah and Luc Mohimont (chair)
The Data Team (exposure): Bruno Dujardin
- Others:
Not Applicable

¹ Minutes should be published within 15 working days of the final day of the relevant meeting.



1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes at the beginning of the meeting.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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. Scientific topic(s) for discussion

4.1 CRA for chronic acetylcholinesterase inhibition ([EFSA-Q-2020-00411](#))

The participants discussed the sources of uncertainty pertaining to exposure and affecting the assessment of the cumulative risks of chronic acetylcholinesterase inhibition.

6. Any Other Business

Not Applicable

5. Next meeting(s)

08 June 2020

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



EFSA Working group of Pesticides Residues Unit

Minutes of the 11th meeting of the EFSA Working Group on the cumulative risk assessment of pesticides for their effects on the nervous system and the thyroid

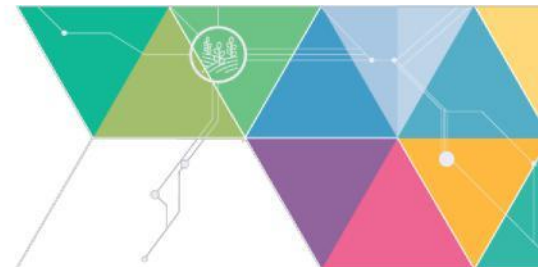
Held on 27 May 2020, Tele-meeting

(Agreed on 15 June 2020)¹

Participants

- Working Group external Members:
Judy Choi, Tamara Coja, Andrew David Hart, Antonio Hernandez-Jerez and Kyriaki Machera
- Hearing Experts:
Not Applicable
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
The Pesticides Residues unit: Luc Mohimont (chair) and Maria Anastassiadou
The Pesticides Peer Review unit: Alfonso Lostia and Iris Manga
- Others:

¹ Minutes should be published within 15 working days of the final day of the relevant meeting.



Not Applicable

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes at the beginning of the meeting.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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. Scientific topic(s) for discussion

4.1 CRA for chronic acetylcholinesterase inhibition ([EFSA-Q-2020-00411](#))

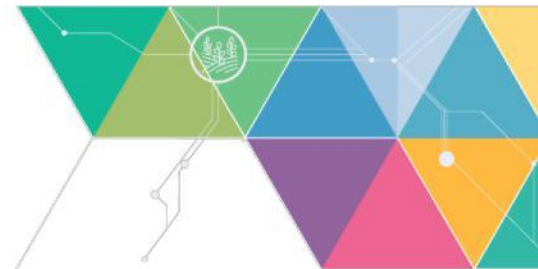
The participants discussed cumulative assessment group used to perform the assessment of chronic acetylcholinesterase inhibition, which was established in the EFSA scientific report on the establishment of cumulative assessment groups of pesticides for their effects on the nervous system published in September 2019.

7. Any Other Business

Not Applicable

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



6. Next meeting(s) 03

June 2020



EFSA Working group of Pesticides Residues Unit

Minutes of the 18th meeting of the EFSA working group on the establishment of cumulative assessment groups for effects on the nervous system and the thyroid and of the 10th meeting of the EFSA Working Group on the cumulative risk assessment of pesticides for their effects on the nervous system and the thyroid (joint meeting)

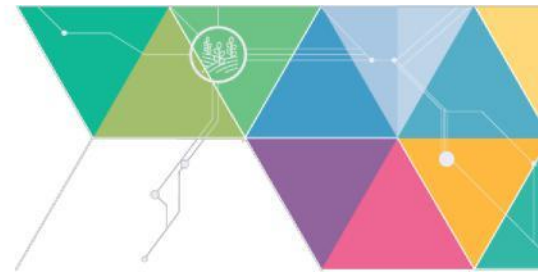
Held on 27-29 January 2020, Parma

(Agreed on 07 February 2020)¹

Participants

- Working Group Members:
Andrew David Hart, Susanne Hougaard-Bennekou, Bernadette Ossendrop, Antonion Hernandez-Jerez, Gerrit Wolterink, Peter Craig (29 January) and Carsten Kneuer (27 and 29 January)
- Hearing Experts:
Not Applicable
- European Commission and/or Member States representatives:
Not Applicable

¹ Minutes should be published within 15 working days of the final day of the relevant meeting.



- EFSA:
The Pesticides Residues unit: Luc Mohimont (chair)
- Others:
Not Applicable

1. Welcome and apologies for absence

The Chair welcomed the participants.
Apologies were received from Bruno Dujardin.

2. Adoption of agenda

The agenda was adopted with changes at the beginning of the meeting.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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.

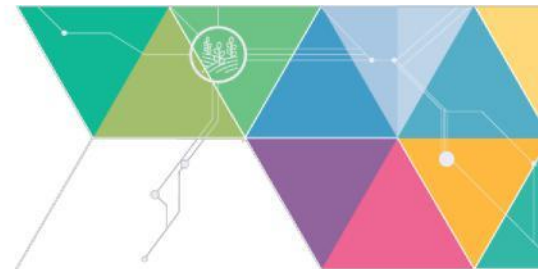
4. Scientific topic(s) for discussion

4.1 EFSA Scientific reports on the cumulative risk assessment of pesticides residues regarding 2 acute effects of the nervous system and 2 chronic effects on the thyroid ([EFSA-Q-2018-00345](http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf) and [EFSA-Q-2018-00346](http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf))

The Working Group considered the responses to the comments submitted during the public consultation and discussed new versions of the 2 scientific reports, updated following these comments.

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



5. Any Other Business

5.1. Not Applicable

3. Next meeting(s)

Not applicable



EFSA Working group of Pesticides Residues Unit

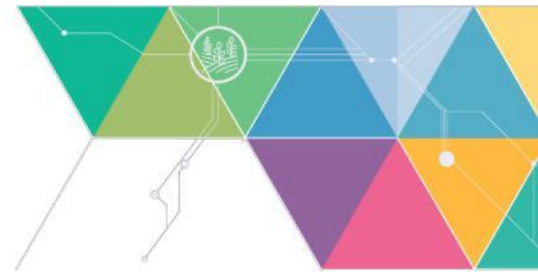
Minutes of the 9th meeting of the EFSA Working Group on the cumulative risk assessment of pesticides for their effects on the nervous system and the thyroid

Held on 18-19 December 2019, Parma

(Agreed on 14 January 2020)

Participants

- Working Group Members:
Andrew David Hart, Susanne Bennekou, Bernadette Ossendrop
- Hearing Experts:
Not Applicable
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
Pesticide Residues unit: Luc Mohimont (chair)
- Others:
Not Applicable



1. Welcome and apologies for absence

The Chair welcomed the participants.

Apologies were received from Bruno Dujardin.

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 Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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. Scientific topic(s) for discussion

EFSA Scientific reports on the cumulative risk assessment of pesticides residues regarding 2 acute effects of the nervous system and 2 chronic effects on the thyroid ([EFSA-Q-2018-00345](#) and [EFSA-Q-2018-00346](#))

The Working Group considered the outcome of the public consultation on the 2 draft scientific reports, which closed on 15 November 2019. About 200 comments were submitted by about 20 organisations.

The Working Group had a first exchange of views on how to respond to the comments and identified the appropriate changes to the documents in view of their final publication.

6. Any Other Business

5.1. Not Applicable

5. Next meeting(s)

27-29/01/2020

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf