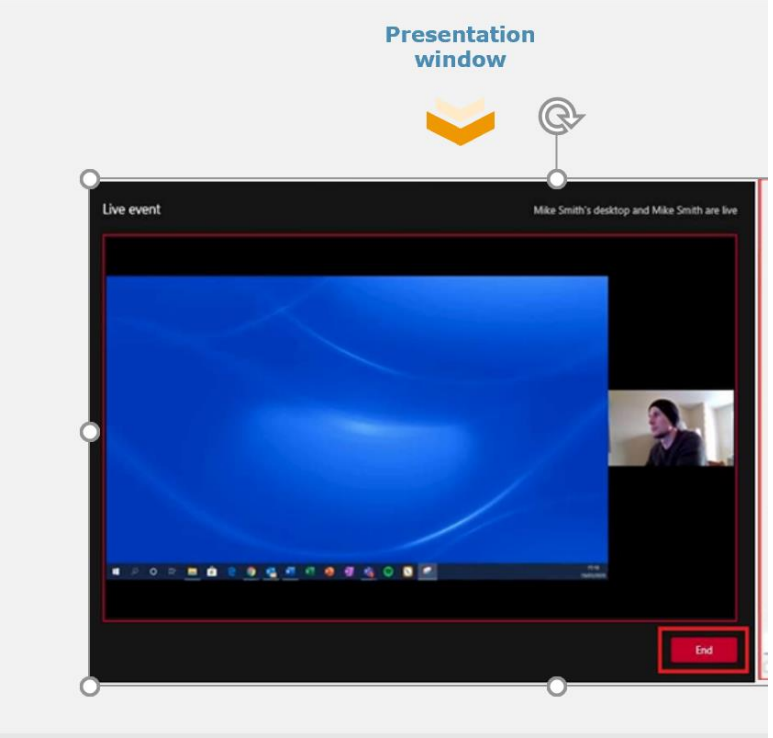
Webinar | 07 March 2023

WEBINAR ON THE CALL FOR MEMBERSHIP OF EFSA'S SCIENTIFIC PANELS AND COMMITTEE

EUROPEAN FOOD SAFETY AUTHORITY

HOUSE KEEPING RULES

- You are **automatically connected** to the audio broadcast. One-way audio (**listen only** mode)
- The **event is in English**
- This event is **being recorded** and recordings will be published on EFSA's website
- After the event, attendees will receive a **link to a survey** to evaluate the EFSA's event & services



OBJECTIVE OF THE WEBINAR

Target

- Webinar aimed at **scientific experts** who are interested in joining EFSA's Scientific Committee and Panels as members.

Objectives

- Inform participants on how EFSA **selects and appoints** the members of its Scientific Panels and Scientific Committee
- Inform participants on how EFSA's Scientific Panels and Committee **work** and on what it means to be a **member**
- Address **questions** from interested candidates, which were submitted prior to the event via the registration form.

AGENDA OF THE WEBINAR

Call for expressions of interests

- Speaker: Iulia Fodor

EFSA and its Scientific Committee and Panels

- Speaker: Maria Arena

Scientific Panels dealing with ad hoc scientific advice

- Speaker: Pietro Stella

Scientific Panels dealing with applications

- Speaker: Andrea Gennaro

Scientific Committee

- Speaker: Daniela Maurici

CALL FOR EXPRESSIONS OF INTERESTS

Speaker: Iulia Fodor
Talent Selection Officer
Human Capital Services Unit

#EFSApanels


#EFSApanels
We are looking for scientific experts in various fields to join our Scientific Panels and Scientific Committee from July 2024 to June 2029

TIMELINE OF THE PROCEDURE

1 FEB-3 APR ‘23

Call for Expression of Interest Online

APR ‘23-FEB ‘24

Selection Procedure

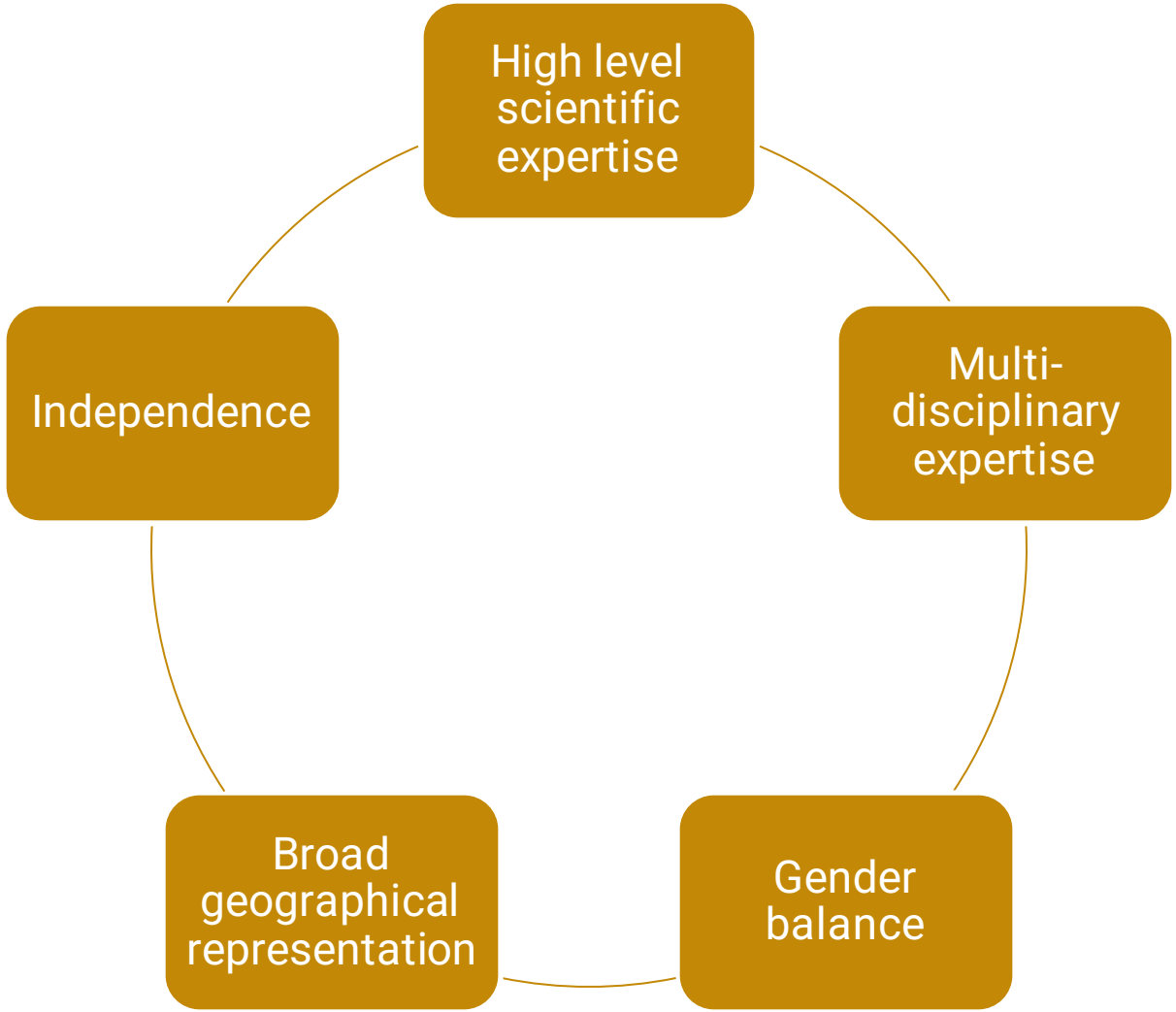
MARCH ‘24

Appointment by Management Board

JULY ‘24

Start Mandates

SELECTION AND APPOINTMENT FACTORS



EXPERT PROFILE

Educational background

- *University degree in a field relevant to EFSA*

Work Experience

- *At least 7 years of relevant professional experience*
- *Experience in scientific assessment*
- *Scientific excellence*
- *Experience in reviewing scientific work*

Active Scientific Production

- *Scientific publications/assessments performed in the last 5 years*

Language skills

- *Fluency in English*

MAIN AREAS OF EXPERTISE

Chemistry	*Ecology*	*Epidemiology*
Exposure Assessment	*Food / Feed Technology*	*Human Nutrition*
Human Medicine	*Genetics*	*Toxicology*
Veterinary Science	*Pharmacology*	*Plant Sciences*
Regulatory Sciences	*Social Science*	*Biostatistics / Bioinformatics*

STEPS OF THE PROCEDURE

Eligibility criteria

- University Diploma
- Work experience
- Active scientific production
- English language

Selection criteria Panel specific

- Scientific assessment
- Scientific excellence
- Scientific review

Mapping Expertise & Assets

- Expertise specific to the Scientific Panel/Committee
- Project management
- Scientific communication

Declarations of Interest

- Related to the specific Scientific Panel/ Committee

Appointed as Member

Reserve List

RESERVE LIST

What is

List of candidates, that **passed the eligibility and selection criteria** and who have not been appointed as members of the Scientific Panels/Committee.

Purpose

Serves for **future appointment** needs for members of the Scientific Panels/Committee.

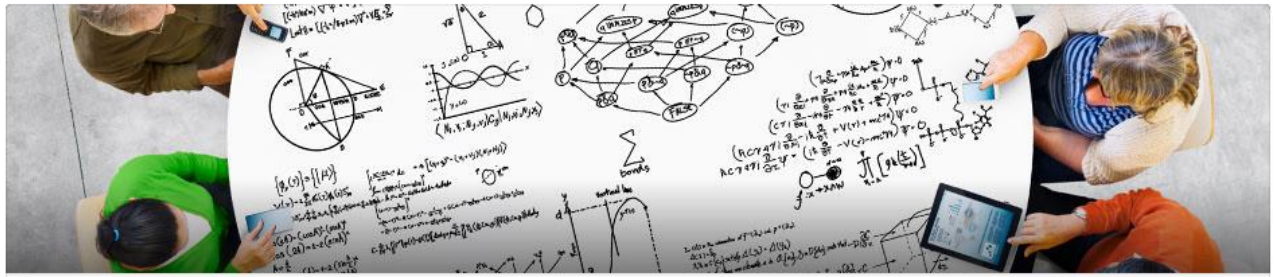
Can be used for future appointment of members of EFSA's Working Groups.

Duration

Valid until **30 June 2029**.

HOW TO APPLY

Experts



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Call for Expressions of Interest for Membership of the Scientific Panels and the Scientific Committee of EFSA 2023 NEW

Italy, Emilia-Romagna, Parma

Are you a motivated scientist seeking to make a difference and contribute to protecting public health in Europe? Would you like to harness your...

Science Professionals

EFSA/E/2023/01

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careers.efsa.europa.eu/experts

Call for Expressions of Interest for Membership of the Scientific Panels and the Scientific Committee of EFSA 2023

Italy, Emilia-Romagna, Parma NEW

Science Professionals EFSA/E/2023/01 Feb 01, 2023

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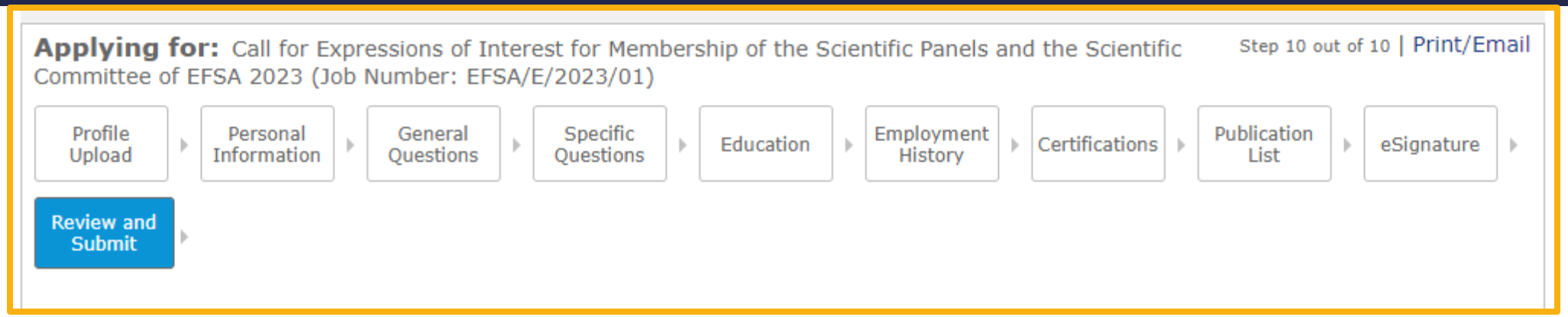
CALL FOR EXPRESSIONS OF INTEREST FOR MEMBERSHIP OF THE SCIENTIFIC PANELS AND THE SCIENTIFIC COMMITTEE OF THE EUROPEAN FOOD SAFETY AUTHORITY 2023
Parma, Italy
Ref.: EFSA/E/2023/01

Deadline for sending applications: **3 April 2023 at 23:59** (local time).
The text of this call is available in all EU official languages in the Official Journal of the European Union here.

Are you a motivated scientist seeking to make a difference and contribute to protecting public health in Europe? Would you like to harness your passion for science by working for the cornerstone of food safety risk assessment in Europe?
The European Food Safety Authority (EFSA) delivers independent and transparent scientific

APPLICATION FORM



- **Read** carefully the call and ANNEX, including the criteria and expertise required.
- **Answer** all the questions/fields in the application form and provide evidence.
- Indicate the **Scientific Panel/Committee** you wish to apply for, which best matches your areas of expertise.
- List your **education** proving you meet the eligibility condition.
- List all your relevant work **experiences** - focus on your role and tasks.
- Indicate full details of your **scientific publications** and/or **scientific assessments**.

- **Save** each section before continuing.
- Fill in all **mandatory** (*) fields before continuing to the next section.
- **Submit** your application before deadline **3 April 2023**.
- After submitting your application, you can still **edit** it until the deadline.
- For any technical questions, contact EFSA Service Desk servicedesk@efsa.europa.eu

Your Questions

1. Are experts outside of the EU eligible to apply?

2. I don’t have an official English language certification, but I have a good level of English, can I apply?

3. I submitted my interest in the last call in 2017. In addition, I have been included in the shortlist of EFSA candidates for "Scientific and Technical Support-Various Scientific and Communication Profiles". Do I need to create an application from scratch?

EFSA AND ITS SCIENTIFIC COMMITTEE AND PANELS

Speaker: Maria Arena
Scientific Officer
Pesticides Peer Review Unit

#EFSApanels

EFSA AT GLANCE

ESTABLISHED

2002

> 500 staff

> 1,500 experts

1,000 meetings/year

5,000 outputs /
500 a year

The knowledge, skills and experience of EFSA's scientific experts are at the core of our work.

WHAT EFSA DOES

- Provides independent scientific advice and support for EU risk managers and policy makers on food and feed safety
- Provides independent, timely risk communication
- Promotes scientific cooperation

WHAT EFSA DOES NOT DO

- Develop food safety policies and legislation
- Adopt regulations, authorise marketing of new products
- Enforce food safety legislation
- Take charge of food safety/quality controls

RISK ASSESSMENT VS RISK MANAGEMENT

Risk Assessor	Risk Manager
EFSA is the risk assessor, evaluating risks associated with the food chain. EFSA doesn't have scientific laboratories, nor does it generate new scientific research. It collects and analyses existing research and data and provides scientific advice to support decision-making by risk managers.	Risk managers are the European Commission, Member State authorities and the European Parliament. They are responsible for making decisions or setting legislation about food safety.

Risk Assessment	Risk Management
EFSA carries out risk assessment on safety of certain **neonicotinoids** for bees	Risk managers suspend use of certain **neonicotinoids** in EU
EFSA evaluates safety of every **GMO** on a case-by-case basis	Risk managers decide whether or not to authorise each GMO

Scientific Panels and Committee

SCIENTIFIC PANELS

The Scientific Panels on

- Animal Health and Welfare (AHAW)
- Biological Hazards (BIOHAZ)
- Contaminants in the Food Chain (CONTAM)
- Plant Health (PLH)
- Plant Protection Products and their Residues (PPR)

are responsible for providing scientific advise and risk assessment within their specific remits

SCIENTIFIC PANELS

The Scientific Panels on

- Nutrition, Novel Foods and Food Allergens (NDA)
- Food Contact Materials, Enzymes and Processing Aids (CEP)
- Additives and Products or Substances used in Animal Feed (FEEDAP)
- Food Additives and Flavourings (FAF)
- Genetically Modified Organisms (GMO)

are responsible for the risk analysis of regulated products and is part of their tasks to assess applications

THE SCIENTIFIC COMMITTEE

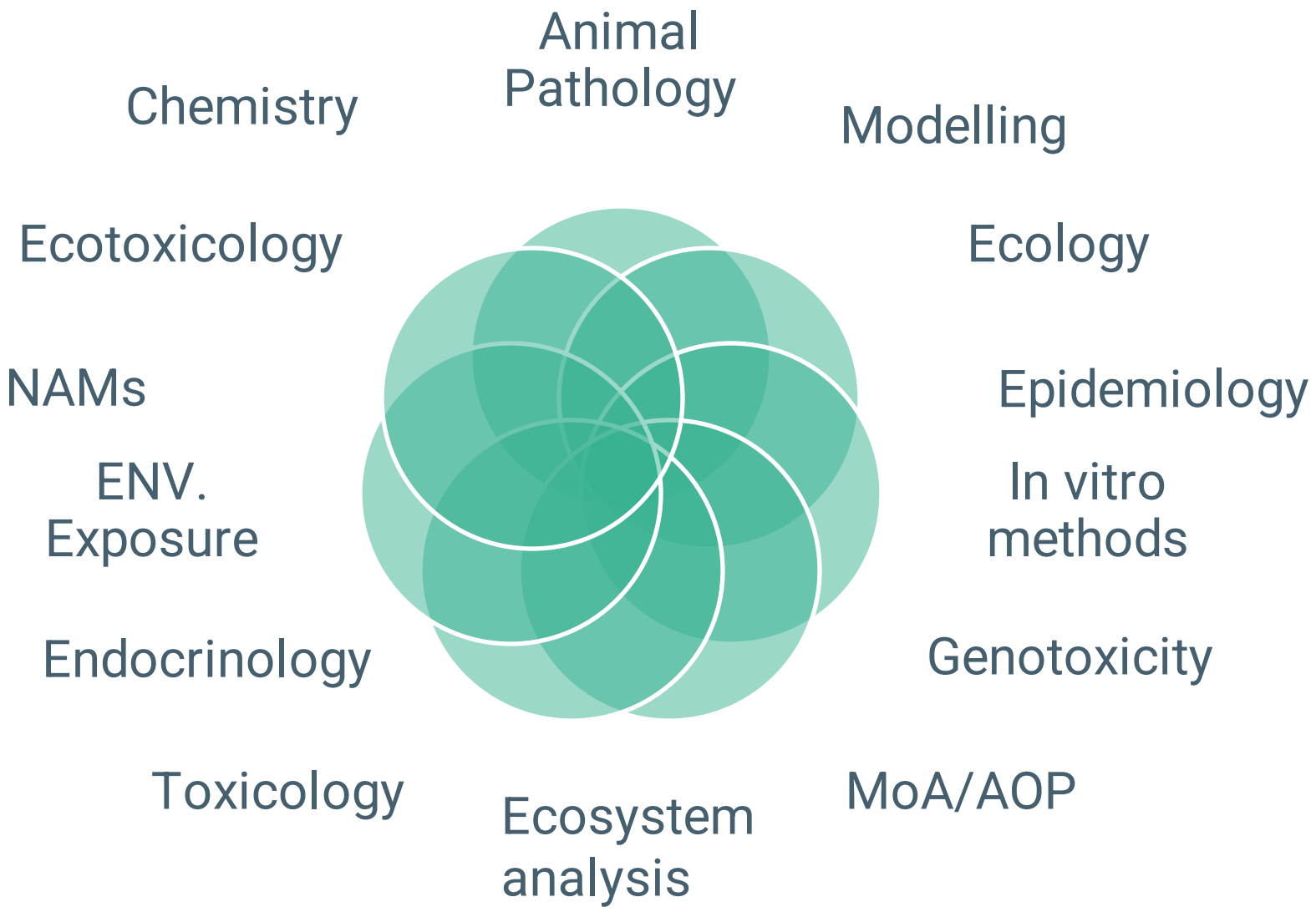
The Scientific Committee

- ✓ Support EFSA’s scientific work on scientific matter of horizontal nature
- ✓ Provide strategic advice to EFSA’s executive director (upon request)
- ✓ Ensure consistency in the work done by other scientific Panels by providing general coordination

COMPOSITION AND DURATION

- Each Scientific Panel includes between 11 and 21 scientific experts, depending on the workload planned and the expertise required for the relevant term of office.
- The Scientific Committee is composed of the Chairs of the 10 Scientific Panels and 6 other scientific experts.
- Members of the Scientific Committee and Scientific Panels of EFSA are appointed for a **five-year term**.

KNOWLEDGE AREAS-MULTIDISCIPLINARITY



INDEPENDENCE

EFSA applies a robust set of measures and working practices to safeguard the independence of its scientific work and avoid conflicts of interest. These are all brought together and explained in EFSA's policy on independence, which was reviewed in June 2017. The policy is implemented by the rules laid down in the Decision on competing interest management.

ASSESSMENT APPROACH

Unconditional restrictions Interests are considered incompatible with the involvement in any EFSA scientific activity (not applicable to interests held by Close Family Members)	Qualified restrictions Interests are screened by EFSA by considering whether they are compatible with the tasks to be assigned to the Expert, with regard to the mandate of the relevant group/panel
■ Current financial investments in "Industry" concerned with EFSA's outputs ■ Industry employment as described in Article 2(2)(IV) of this decision	■ Managerial Roles ■ Membership of scientific advisory entities ■ Employment in organisations other than food/feed industries ■ Occasional Consultancy ■ Research funding ■ Intellectual property rights ■ Other membership or affiliations ■ Other relevant interests

Conflict of interest

COMMITMENT FOR PLENARY MEETINGS

- 6-10 Plenary meetings per year (total of around 10-20 meeting days)
- About 1/3 on-site and 2/3 on-line
- 1 day of meeting ≈ 1 day of preparatory work
- Example agendas →

SCIENTIFIC PANEL ON ANIMAL HEALTH AND WELFARE
146th PLENARY MEETING

18-19 January 2023
09:00-16:00 / 09:00-12:30
DRAFT AGENDA

Location: EFSA - Parma (Meeting Room MTG SEAT 00/M10A; MTG SEAT 00/M10B)
Webconference: Click here to join the meeting
Chair: ***Søren Saxmose NIELSEN***

Day 1: 18 Jan. 2023

Time	No.	Item
09:00	1	**Welcome and Apologies for absence**
	2	**Declarations of interest**
	3	**Adoption of the agenda**
	4	**Agreement of the minutes of the 145th Plenary meeting (14-15th of December 2023) on the 10th of January 2023.**
	5	**Scientific outputs submitted for discussion and possible adoption**
9:10	5.1	Art. 29- SARS CoV- 2 in animals: susceptibility of animal species and monitoring, prevention and control of SARS-CoV-2 infection in mink and other animals: update –EFSA-Q-2022-00139
	6	**Scientific outputs submitted for discussion**
10:00	6.1	Art. 29. Request for a scientific opinion related to the listing and categorisation of certain diseases of aquatic animals and the listing of relevant aquatic species, in the framework of the Animal Health Law (M-2022-00144) Art. 29. Request for a scientific opinion related to the listing of species of aquatic animals or groups of species of aquatic animals which pose a considerable risk for the spread of listed diseases because of their capability to act as vectors or reservoirs of those diseases, in the framework of the Animal Health Law (M-2022-00138).
10:30		Coffee break
10:45	6.2	Art. 29. Vaccination against highly pathogenic avian influenza – update (EFSA-M-2022-00145)-Methodology
11:25	6.3	Art 29. Dairy cows - Farm characteristics to classify a level of risk for dairy cow welfare
12:15		Lunch break
13:15	6.4	Art. 29 -Welfare of calves – EFSA-Q-2020-00480
14:45		Coffee break
	9	**Other topics for information and/or discussion**
15:00		EFSA Electronic DOI Submission portal

DRAFT AGENDA – 24-26 January 2023
129th Plenary meeting of the CONTAM Panel

14:00	6.3	Draft Opinion on the update of the risk assessment of mineral oil hydrocarbons in food	EFSA-Q-2020-00664 Deadline: 30/07/2023 WG Chair (Kevin Chipman) EFSA (Marco Binaglia, José Angel Gómez Ruiz)	For discussion and possible endorsement for public consultation.
18:00	*End of Day 2*			

Day 3

Time	No.	Item	Documents /deadline Presenter/SOs/Rapporteurs	Comments/ Objectives
9:00	6.4	Draft Opinion on the update of the risk assessment of polybrominated diphenyl ethers in food	EFSA-Q-2018-0432 Deadline: 30/11/2023 WG Chair (Christiane Vleminckx) EFSA (Luisa Ramos Bordajandi)	For discussion and possible endorsement of sections.
12.00	7	**Feedback from the Scientific Committee/ Scientific Panels, CONTAM Working Groups, EFSA, and the European Commission**	-	-
	7.1	European Commission	EC representatives	-
	7.2	Updates from CONTAM Panel Working Groups	CONTAM Panel, EFSA	WG on BFRs in food WG on Feed detoxification WG on MOH in food WG on Nitrosamines in food WG on Arsenic in food WG on GTXs in certain honey WG on PCNs in feed and food WG on Ergot alkaloids in feed WG on Ochratoxin A in feed
	7.3	Updates from EFSA	EFSA	Introduction to the new EFSA DOI tool
	7.4	Updates from the Scientific Committee and its Working Groups of interest to the CONTAM Panel	CONTAM Panel, EFSA	-
	8	**AOB**		
13:00	*End of Day 3 – End of the meeting*			

OTHER POSSIBLE COMMITMENTS - PARTICIPATION TO WG

- When a Mandate is received, a Working Group (WG) is generally established to address the mandate
- Panel Members may be involved in WGs
- WGs may composed of external experts, Panel members and EFSA staff, depending on the specific expertise required
- WGs meet with variable frequency based on work needed and mandate deadline
- Panels review and endorse/adopt the scientific outputs prepared by WGs

WHY APPLYING?

- Directly contribute to the safety of the EU food chain
- Engagement in multidisciplinary scientific discussions
- Development of advanced risk assessment methodologies
- Networking with scientific peers
- Publication in the EFSA Journal (indexed in bibliographic databases)
- High-level training on risk assessment and on EFSA methodologies
- Bring back new knowledge and competencies to your country/employer

Your Questions

1. Are experts working in the private sector allowed to apply?
2. Can experts apply on a personal level or does each Member State forward national experts?
3. I would like to know your rules regarding the distribution of the panel members, in terms of country affiliation and gender.

SCIENTIFIC PANELS DEALING WITH AD HOC SCIENTIFIC ADVICE

Speaker: Pietro Stella
Scientific Officer
Biological Hazards & Animal Health and Welfare Unit

#EFSApanels

Scientific Panels and Committee

PANELS DEALING MAINLY WITH AD HOC REQUESTS FOR SCIENTIFIC ADVICE

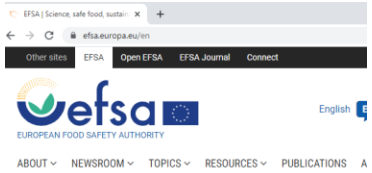
Responsible to provide scientific advice and risk assessment within their specific remits

FROM THE QUESTION TO THE ANSWER

European Commission

EU Member State(s)

European Parliament



EFSA EUROPEAN FOOD SAFETY AUTHORITY

Request for scientific advice **– Mandate –**

adoption

Working Group

https://www.efsa.europa.eu/en/howwework/workingpractices

TYPES OF OUTPUTS

SCIENTIFIC OPINION

EFSA Journal

ADOPTED: 30 June 2022

doi: 10.2903/j.efsa.2022.7421

Welfare of pigs on farm

EFSA Panel on Animal Health and Welfare (AHAW),

SCIENTIFIC OPINION

ADOPTED: 6 December 2022

doi: 10.2903/j.efsa.2023.7745

Microbiological safety of aged meat

EFSA Panel on Biological Hazards (BIOHAZ),

Abstract

SCIENTIFIC OPINION

ADOPTED: 7 December 2022

doi: 10.2903/j.efsa.2023.7744

Development of adverse outcome pathways relevant for the identification of substances having endocrine disruption properties
Uterine adenocarcinoma as adverse outcome

EFSA Panel on Plant Protection Products and their Residues (PPR),
Antonio F Hernandez-Jerez, Paulien Adriaanse, Annette Aldrich, Philippe Berny, Tamara Coja, Sabine Duquesne, Andreas Focks, Maurice Millet, Olavi Pelkonen, Silvia Pieper, Aaldrik Tiktak, Christopher J Topping, Anneli Widenfalk, Martin Wilks, Gerrit Wolterink, Karine Angeli, Camilla Recordati, Majorie Van Durseen, Elisa Aiassa, Anna Lanzoni, Alfonso Lostia, Laura Martino, Irene Pilar Munoz Guajardo, Martina Panzarea, Andrea Terron and Marina Marinovich

Abstract

Development of adverse outcome pathways (AOPs) for uterine adenocarcinoma can provide a practical tool to implement the EFSA-ECHA Guidance (2018) for the identification of endocrine disruptors in the context of Regulations (EU) No 528/2012 and (EC) No 1107/2009. AOPs can give indications about the strength of the relationship between an adverse outcome (intended as a human health outcome) and chemicals (pesticides but not only) affecting the pathways. In this scientific opinion, the PPR Panel explored the development of AOPs for uterine adenocarcinoma. An evidence-based approach methodology was applied, and literature reviews were produced using a structured framework assuring transparency, objectivity, and comprehensiveness. Several AOPs were developed; these converged to a

SCIENTIFIC OPINION

ADOPTED: 15 December 2022

doi: 10.2903/j.efsa.2023.7806

Assessment of information as regards the toxicity deoxynivalenol for horses and poultry

EFSA Panel on Contaminants in the Food Chain (CONTAM),

Abstract

SCIENTIFIC OPINION

ADOPTED: 1 December 2022

doi: 10.2903/j.efsa.2023.7736

Pest categorisation of *Xylella*

EFSA Panel on Plant Health (PL

Abstract

The EFSA Plant Health Panel performed a pest categorisation of *Xylella ta*
bacterium belonging to the *Xanthomonadaceae*. The pathogen is a well-d
it is the causal agent of the pear leaf scorch. *X. taiwanensis* is present i
areas of the island of Taiwan, where it affects low chilling pear cultivars
(Asian pear). No other plant species are reported to be affected by the pa
known to be present in the EU territory and it is not included in the
Regulation (EU) 2019/2072. The main pathway for the entry of the path
host plants for planting (except seeds); another possible pathway might

STATEMENT

ADOPTED: 6 December 2022

doi: 10.2903/j.efsa.2023.7746

Update of the list of qualified presumption of safety (QPS) recommended microbiological agents intentionally added to food or feed as notified to EFSA 17: suitability of taxonomic units notified to EFSA until September 2022

EFSA Panel on Biological Hazards (BIOHAZ),
Konstantinos Koutsoumanis, Ana Allende, Avelino Alvarez-Ordóñez, Declan Bolton, Sara Bover-Cid, Marianne Chemaly, Alessandra De Cesare, Friederike Hilbert,

GUIDANCE

EFSA Journal

ADOPTED: 4 May 2022

doi: 10.2903/j.efsa.2022.7346

Guidance on good practice in conducting scientific assessments in animal health using modelling

EFSA Panel on Animal Health and Welfare Panel (AHAW),
Søren Saxmose Nielsen, Julio Alvarez, Paolo Calistri, Elisabetta Canali, Julian Ashley Drewe, Bruno Garin-Bastuji, José Luis Gonzales Rojas, Christian Gortázar, Mette Herskin, Virginie Michel, Miguel Ángel Miranda Chueca, Barbara Padalino, Paolo Pasquali, Helen Clare Roberts, Hans Spoolder, Karl Stahl, Antonio Velarde, Arvo Viltrop, Christoph Winckler, Andrea Gervelmeyer, Yves Van der Stede and Dominique Joseph Bicout

Abstract

The EFSA asked the Panel on Animal Health and Welfare to develop a guidance document on good practice in conducting scientific assessments in animal health using modelling. In previous opinions, the AHAW Panel has responded to two-thirds of animal health-related mandates using some kind of modelling. These models range from simple to complex, employing a combination of scientific, economic, socio-economic or other types of data. Hence, there is strong interest in the development of a guidance document to integrate modelling efforts into the routine process of EFSA working groups. In this document, an 'operating procedure' (OP) for the use of modelling within an AH working group is presented. The OP provides a detailed flowchart enabling modelling to be transparently and consistently integrated in the assessment. The OP is structured into phases. These phases combine the relevant

RISK ASSESSMENT PROCESS – PANEL ROLE

Request

- ✓ Discuss request
- ✓ Clarifies scientific aspects

Assessment

Adoption

EFSA staff supports and guides Panels and Working Groups throughout whole process

RISK ASSESSMENT PROCESS – PANEL ROLE

Request

- ✓ Discuss request
- ✓ Clarifies scientific aspects

Assessment

- ✓ Approves methodology to be used
- ✓ Reviews periodically draft scientific output
- ✓ Requests clarifications from WG

Adoption

- Perform assessment
- Develop draft outputs

- Competent organisations in Member States may be asked to support drafting
- EFSA Contractors may be asked to provide support (collect data, develop models, etc.)

EFSA staff supports and guides Panels and Working Groups throughout whole process

RISK ASSESSMENT PROCESS – PANEL ROLE

Request

- ✓ Discuss request
- ✓ Clarifies scientific aspects

Assessment

- ✓ Approves methodology to be used
- ✓ Reviews periodically draft scientific output
- ✓ Requests clarifications from WG

Adoption

- ✓ Reviews final scientific output
- ✓ Formally adopts scientific output

- Perform assessment
- Develop draft outputs

- Competent organisations in Member States may be asked to support drafting
- EFSA Contractors may be asked to provide support (collect data, develop models, etc.)

EFSA staff supports and guides Panels and Working Groups throughout whole process

OTHER TASKS

Scientific Panels dealing with *ad hoc* scientific advice may be also involved in:

- (Contribution to) development of cross-cutting guidance documents, together with the Scientific Commitee
- Development of sectoral guidance documents
- Ensuring the consistency of EFSA's scientific assessment approaches
- Assessment of applications (occasionally):
  - AHAW: animal welfare stunning methods
  - BIOHAZ: alternative methods to process animal by-products
  - CEP/BIOHAZ: substances to remove contamination from products of animal origin
  - PPR: conduct *ad-hoc* assessments within applications

IMPACT OF RISK ASSESSMENTS – EXAMPLE BIOHAZ

EUROPEAN FOOD SAFETY AUTHORITY

EUROPEAN MEDICINES AGENCY
SCIENCE MEDICINES HEALTH

SCIENTIFIC OPINION

EUROPEAN MEDICINES AGENCY SCIENCE MEDICINES HEALTH — EFSA Journal

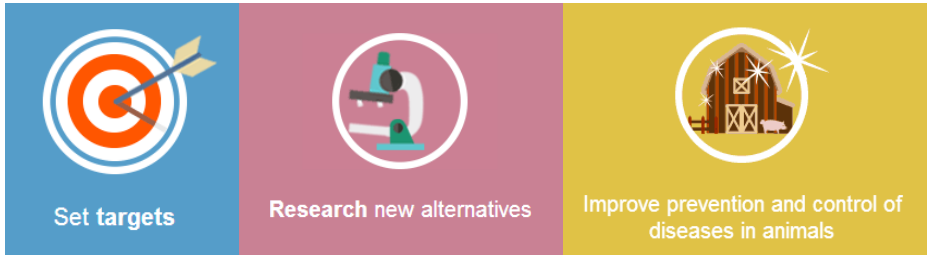
ADOPTED: 1 December 2016 (EFSA BIOHAZ Panel), 8 December 2016 (EMA CVMP)

doi: 10.2903/j.efsa.2017.4666

EMA and EFSA Joint Scientific Opinion on measures to reduce the need to use antimicrobial agents in animal husbandry in the European Union, and the resulting impacts on food safety (RONAFA)

EMA Committee for Medicinal Products for Veterinary Use (CVMP) and EFSA Panel on Biological Hazards (BIOHAZ),

Recommended prevention and control options:



EC Legislation, Veterinary Medicinal Products, Regulation 2019/6

7.1.2019 EN Official Journal of the European Union L 4/43

REGULATION (EU) 2019/6 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL
of 11 December 2018
on veterinary medicinal products and repealing Directive 2001/82/EC
(Text with EEA relevance)

European Commission

EU Green deal, EC Farm to Fork Strategy

→ Legislative framework for sustainable food systems

EU-funded ongoing research projects

USING NAMS TO ADDRESS RISK ASSESSMENT- EXAMPLE PPR

Scientific Opinion on the **developmental neurotoxicity potential of acetamiprid and imidacloprid**


SCIENTIFIC OPINION

Scientific Opinion on the developmental neurotoxicity potential of acetamiprid and imidacloprid[1]

EFSA Panel on Plant Protection Products and their Residues (PPR)[2,3]

European Food Safety Authority (EFSA), Parma, Italy

ABSTRACT

PPR Panel Recommended the development of an integrated DNT testing strategy.

2013

efsa European Food Safety Authority

OECD

Composed of **robust, reliable and validated in vitro** assays

2016

BETTER UNDERSTANDING


SCIENTIFIC REPORT

Establishment of an a priori protocol for the implementation and interpretation of an in-vitro testing battery for the assessment of developmental neurotoxicity

Abstract

2020

PPR Panel established the IATA DNT WG AIM to develop IATA case studies on DNT Risk Assessment

AIM to assess the applicability of the IVB in the pesticides RA in the context of the European pesticide Regulation (EU) 283/2013 and 1107/2009

COLLABORATIVE CASE STUDIES

2020

DATA GENERATION


OPINION

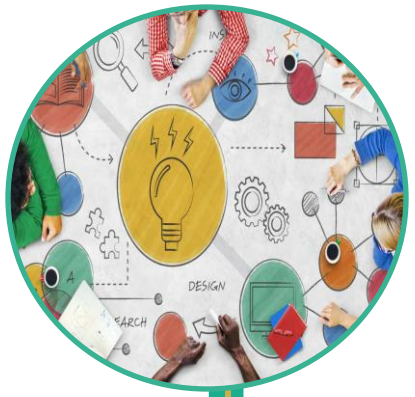
Development of Integrated Approaches to Testing and Assessment (IATA) case studies on developmental neurotoxicity (DNT) risk assessment

EFSA Panel on Plant Protection Products and their Residues (EFSA PPR Panel),

Abstract

2021

Stakeholders Workshop



DNT IVB OECD GUIDANCE 2023

Launch of the "Environmental Neurotoxicants project in 2023"

2022

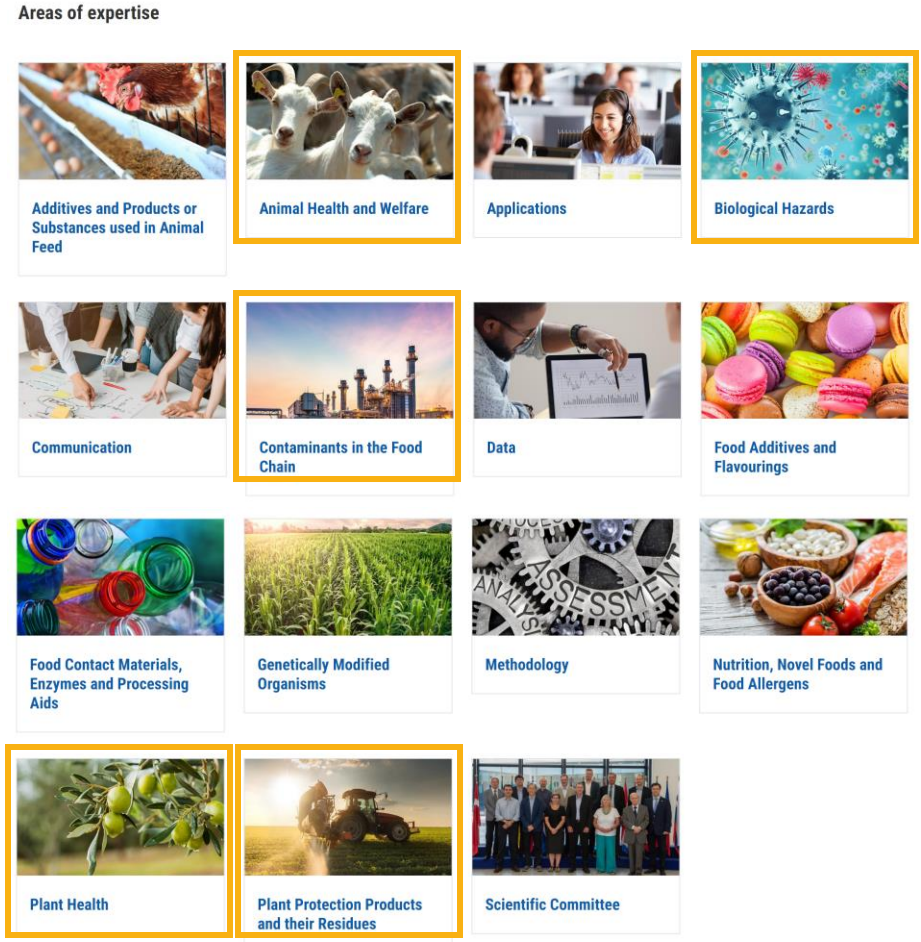
PLENARY MEETINGS

Agenda/minutes of plenary meetings are publicly available on EFSA website:

- AHAW Plenary January 2023: link to agenda and minutes
- BIOHAZ Plenary January 2023: link to agenda and minutes
- CONTAM Plenary January 2023: link to agenda and minutes
- PLH Plenary January 2023: link to agenda and minutes
- PPR Plenary February 2023: link to agenda and minutes

Remit and activities of Scientific Panels:

https://www.efsa.europa.eu/en/science/scientific-committee-and-panels



Your Questions

1. My expertise falls under the competence of different scientific panels (i.e. AHAW Panel, BIOHAZ Panel, Scientific Committee), how should I choose the Panel to which apply to?

2. How do the different Panels interact among them?

3. How can I express the interest to be part of a reserve list in order to be selected for WGs on more specific subjects?

SCIENTIFIC PANELS DEALING WITH APPLICATIONS

Speaker: Andrea Gennaro
Scientific Officer
Nutrition & Food Innovation Unit

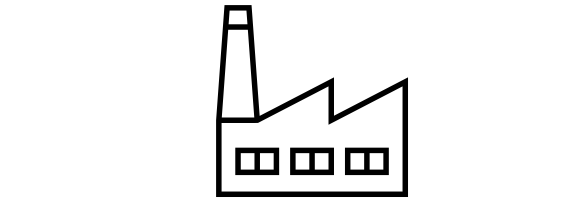
#EFSApanels

WHAT IS AN APPLICATION?

EFSA is responsible for the risk analysis of regulated products and is part of its task to assess applications

- Feed additives
- Food contact materials
- Food improvement agents
- Genetically Modified Organisms (GMOs)
- Nutrition (health claims, infant formulae and follow-on formulae, food allergens, nutrient sources)
- Novel food (novel and traditional foods)
- Decontamination substances

LIFECYCLE OF AN APPLICATION



EFSA
EUROPEAN FOOD SAFETY AUTHORITY

Risk **assessment** and **communication**

WG

Draft Opinion

Panel

Discussion for possible adoption

EFSA Scientific Opinion

European Commission

Risk **management**

Authorisation

LIFECYCLE OF AN APPLICATION IN EFSA

The lifecycle of an application in EFSA can be divided in three main phases: intake, assessment and finalisation.

Intake: The applicant submits its dossier according to EU regulations and EFSA requirements.
In fact, before market authorisation a risk assessment of the product in needed.

During the **assessment**, if needed **additional data can be requested** to the applicant.
Once received, this information is discussed by the **working groups** and the risk assessment can continue.
EFSA can request the support of external contractors to carry preparatory work on the data provided by the applicant

The **scientific opinion** is presented at the Plenary meeting for possible **adoption**. The output is then **published on the EFSA Journal** and represent the basis for the market authorisation decision

Scientific Panels and Committee

NOT ONLY APPLICATIONS

The Scientific Panel dealing with applications are also involved in:

Development of sectorial guidance documents

- To explain to the applicants what type of data are required and to the risk assessors how to evaluate those data

EC requests to provide scientific support

- The Panel can be requested to provide its scientific opinion on specific requests

Statements on scientific issues

- On its own initiative or if requested, the Panel can deliver scientific statements

NOT ONLY APPLICATIONS – SOME EXAMPLES

SCIENTIFIC OPINION

ADOPTED: 9 September 2020

doi: 10.2903/j.efsa.2020.6247

EFSA Journal

Assessment of the impact of the IARC Monograph Vol. 121 on the safety of the substance styrene (FCM No 193) for its use in plastic food contact materials

EFSA Panel on Food Contact Materials, Enzymes and Processing Aids (CEP), Vittorio Silano, José Manuel Barat Baviera, Claudia Bolognesi, Andrew Chesson, Pier Sandro Cocconcelli, Riccardo Crebelli, David Michael Gott, Konrad Grob, Claude Lambré, Evgenia Lampi, Marcel Mengelers, Alicja Mortensen, Inger-Lise Steffensen, Christina [illegible]stos, Henk Van Loveren, Laurence Vernis, Holger Zorn, Laurence Castle, Emma Di Co[illegible]o, Roland Franz, Nicole Hellwig, Maria Rosaria Milana, Karla Pfaff*, Maria Ca[illegible]o, Ellen Van Haver and Gilles Rivière

EFSA Journal

STATEMENT

APPROVED: 30 September 2022

doi: 10.2903/j.efsa.2022.7618

Criteria for risk assessment of plants produced by targeted mutagenesis, cisgenesis and intragenesis

EFSA Panel on Genetically Modified Organisms (GMO), Ewen Mullins, Jean-Louis Bresson, Tamas Dalmay, Ian Crawford Dewhurst, Michelle M Epstein, Leslie George Firbank, Philippe Guerche, Jan Hejatko, Francisco Javier Moreno, Hanspeter Naegeli, Fabien Nogué, Nils Rostoks, Jose Juan Sánchez Serrano, Giovanni Savoini, Eve Veromann, Fabio Veronesi, Antonio Fernandez, Andrea Gennaro, Nikoletta Papadopoulou, Tommaso Raffaello and Reinhilde Schoonjans

Panel

efsa European Food Safety Authority

General approach to assess the safety for the target species of botanical preparations which contain compounds that are genotoxic and/or carcinogenic when used as feed additives

Endorsed by the FEEDAP Panel during the 153rd Plenary meeting of 17-18 March 2021[1]

TECHNICAL REPORT

APPROVED: 23 June 2021

doi:10.2903/sp.efsa.2021.EN-6692

efsa European Food Safety Authority

EFSA review of Maximum Residue Limits for halquinol in pig tissues as set by JECFA

European Food Safety Authority (EFSA), Maria de Lourdes Bastos, Georges Bories, Paul Brantom, Jaume Galobart, Jürgen Gropp, Francesca Marcon, Fabiola Pizzo, Roberto Edoardo Villa, Maria Vittoria Vettori

NOT ONLY APPLICATIONS – SOME EXAMPLES

Development of sectorial guidance documents

- Scientific guidance for the submission of enzyme application (CEP Panel)
- Guidance on safety evaluation of sources of nutrients and bioavailability of nutrient from the sources (NDA Panel)

EC requests to provide scientific support

- Criteria for risk assessment of plants produced by targeted mutagenesis, cisgenesis and intragenesis (GMO Panel)
- Identification and prioritisation for RA of substances potentially used as plasticisers in food contact materials (CEP Panel)

Statements on scientific issues

- Process-specific factors for exposure assessment of food enzyme (CEP Panel)
- Botanical preparations which contain compounds that are genotoxic and/or carcinogenic (FEEDAP Panel)

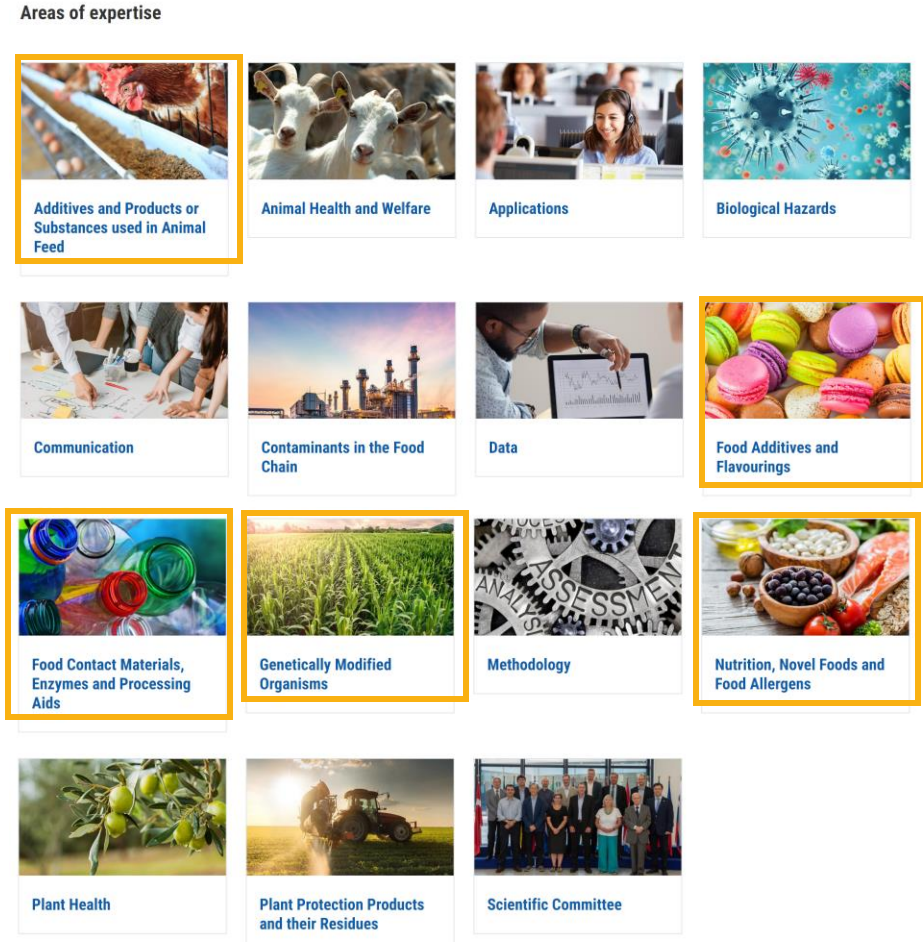
PLENARY MEETINGS

Agenda/minutes of plenary meetings are publicly available on EFSA website:

- CEP Plenary January 2023: link to agenda and minutes
- NDA Plenary February 2023: link to agenda and minutes
- FAF Plenary December 2022: link to agenda and minutes
- FEEDAP Plenary January 2023: link to agenda and minutes
- GMO Plenary February 2023: link to agenda and minutes

Remit and activities of Scientific Panels:

https://www.efsa.europa.eu/en/science/scientific-committee-and-panels



Your Questions

1. Regarding the membership of the same concerned scientific entity has not reached 10 years. I was a member of the former ANS Panel. Does this account as the same entity as the FAF Panel when applying to FAF?

2. I was working in the private sector for the last 6 years. All reports I produced were for product registration. What can I include in the section that requests the last 5-years reports?

3. Experts working in national risk assessment bodies are often not able (or allowed) to publish papers in peer-reviewed journal and generally contribute to assessments or provide scientific advice for which authorship is not indicated. What should I include in the section that requests the last 5-years reports?

SCIENTIFIC COMMITTEE

Speaker: Daniela Maurici
Team Leader
Methodology & Scientific Support Unit

#EFSApanels

Scientific Committee

10 panel chairs

+

6 independent experts

ROLE AND RESPONSIBILITIES OF THE SCIENTIFIC COMMITTEE

- General coordination necessary to **ensure the consistency** of the scientific opinion **procedure**, in particular on harmonisation of working methods (e.g., development of cross-cutting guidance and methodologies for risk assessment)
- Opinions on **multisectoral issues** falling within the competence of more than one Scientific Panel, and on issues which do not fall within the competence of any of the Scientific Panels
- It ensures the appropriate coordination between the **work programme of EFSA's** Scientific Panels to avoid the risk for the adoption of divergent scientific opinions
- It draws attention to any specific or emerging issue falling within its remit.
- Provide strategic advice to EFSA's Executive Director (upon request)

ROLE OF THE PANEL CHAIRS IN THE SCIENTIFIC COMMITTEE

- Review progresses of the *ad hoc* WGs developing draft opinion/cross cutting guidance
- Keep the SC informed about Panels activities and vice versa
- Liaise with EFSA Panels to plan scientific work
- Facilitate constructive and focused scientific debate
- Facilitate efficient working procedures
- Promote adherence to SC/SP/EFSA guidance
- Ensure fit-for-purpose scientific advice

EXAMPLE OF GENERIC EC MANDATES TO THE SC

efsa JOURNAL

SCIENTIFIC OPINION

ADOPTED: 16 November 2022

doi: 10.2903/j.efsa.2023.7728

Re-evaluation of the existing health-based guidance values for copper and exposure assessment from all sources

EFSA Scientific Committee,
Simon John More, Vasileios Bampidis, Diane Benford, Claude Bragard,
Thorhallur Ingi Halldorsson, Antonio F Hernández-Jerez, Susanne Hougaard Bennekou,
Kostas Koutsoumanis, Claude Lambré, Kyriaki Machera, Ewen Mullins, Søren Saxmose Nielsen,
Josef R Schlatter, Dieter Schrenk, Dominique Turck, Maged Younes, Polly Boon,
Gordon AA Ferns, Oliver Lindtner, Erik Smolders, Martin Wilks, Maria Bastaki,
Agnès de Sesmaisons-Lecarré, Lucien Ferreira, Luna Greco, George E N Kass,
Francesca Riolo and Jean-Charles Leblanc

Abstract

Ongoing mandates:

"Risks to human and animal health from presence of **bromide** in food and feed"

"Human health risk assessment of **fluoride** in food and drinking water taking into account all sources of exposure"

COPPER RISK ASSESSMENT - EXAMPLE

- **Essential micronutrient** for all living beings including humans. Too much or too little copper in the diet can lead to health problems.

- Naturally present in many foods and also enters the food chain through its use in organic and conventional pesticides, feed and food additives, and as a nutrient in fortified foods and food supplements.

- Excessive copper retention over time could be toxic for humans, especially to the liver and the nervous system. No retention of copper is expected to occur with an intake of up to 5 mg per day and an **ADI (safe level) of 0.07 milligrams/ kg/ bw** for the adult population was established.

- Infant formula and follow-on formula are important contributors to dietary exposure to copper in infants and toddlers. Adverse effects from exposure to copper in children are not expected due to children's higher nutrient requirements for growth.

SELF TASK MANDATES

STATEMENT

EFSA Journal

ADOPTED: 17 February 2021

doi: 10.2903/j.efsa.2021.6479

Statement on the derivation of Health-Based Guidance Values (HBGVs) for regulated products that are also nutrients

EFSA Scientific Committee,
Simon More, Vasileios Bampidis, Diane Benford, Claude Bragard, Thorhallur Halldorsson, Susanne Hougaard Bennekou, Kostas Koutsoumanis, Kyriaki Machera, Hanspeter Naegeli, Søren Nielsen, Josef Schlatter, Dieter Schrenk, Vittorio Silano†, Dominique Turck, Maged Younes, Peter Aggett, Jacqueline Castenmiller, Alessandra Giarola, Agnès de Sesmaisons-Lecarré, José Tarazona, Hans Verhagen and Antonio Hernández-Jerez

Abstract

This Statement presents a proposal for harmonising the establishment of Health-Based Guidance Values (HBGVs) for regulated products that are also nutrients. This is a recurrent issue for food additives and pesticides, and may occasionally occur for other regulated products. The Statement describes the specific considerations that should be followed for establishing the HBGVs during the assessment of a regulated product that is also a nutrient. It also addresses the elements to be considered in the intake assessment; and proposes a decision tree for ensuring a harmonised process for the risk characterisation of regulated products that are also nutrients. The Scientific Committee recommends the involvement of the relevant EFSA Panels and units, in order to ensure an integrated and harmonised approach for the hazard and risk characterisation of regulated products that are also nutrients, considering the intake from all relevant sources.

SCIENTIFIC OPINION

ADOPTED: 22 September 2021

doi: 10.2903/j.efsa.2021.6877

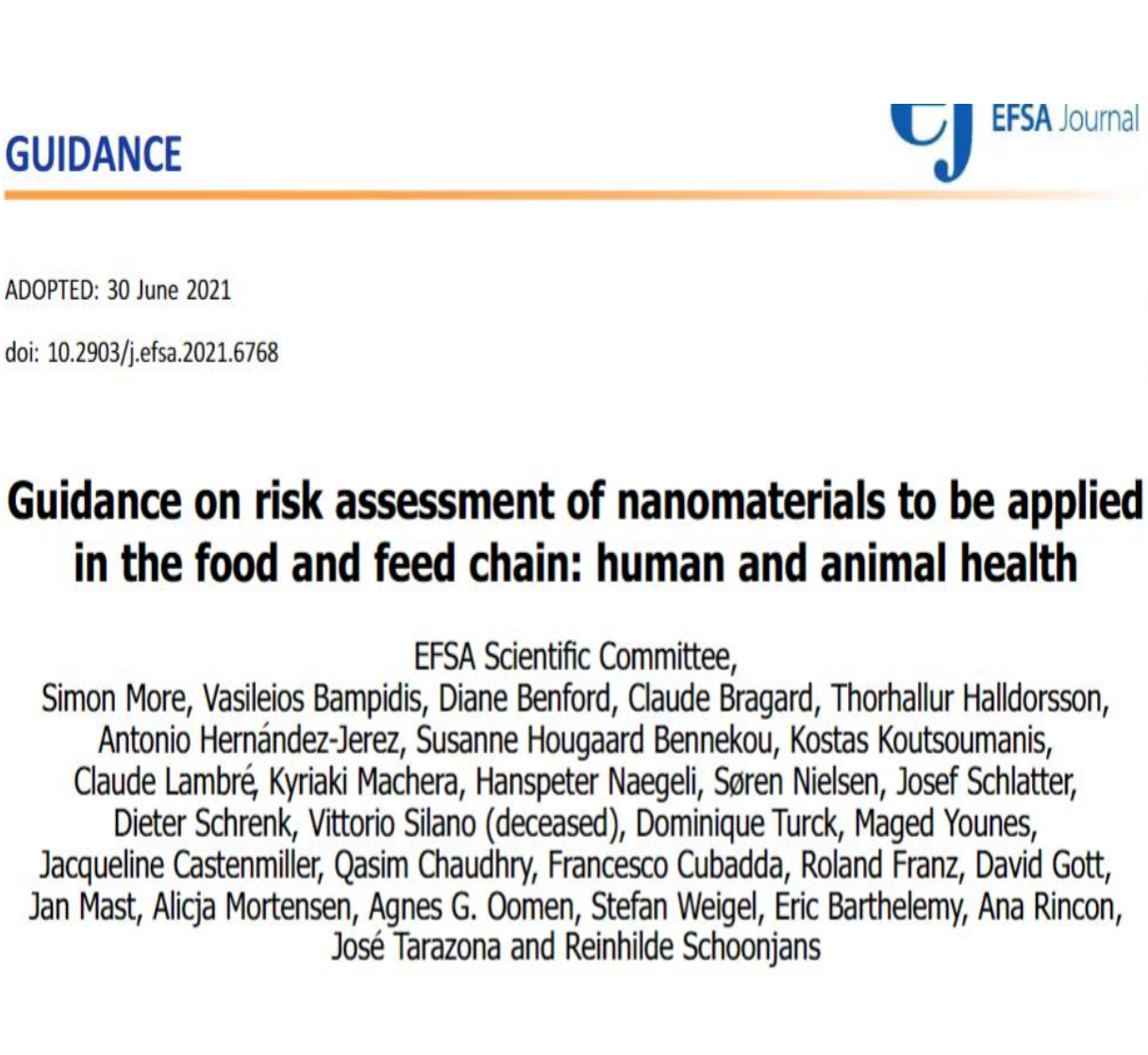
Opinion on the impact of non-monotonic dose responses on EFSA's human health risk assessments

EFSA Scientific Committee,
Simon More, Diane Benford, Susanne Hougaard Bennekou, Vasileios Bampidis, Claude Bragard, Thorhallur Halldorsson, Antonio Hernandez-Jerez, Kostas Koutsoumanis, Claude Lambré, Kyriaki Machera, Ewen Mullins, Søren Saxmose Nielsen, Josef Schlatter, Dieter Schrenk, Dominique Turck, Jose Tarazona and Maged Younes

Abstract

This Opinion assesses the biological relevance of the non-monotonic dose responses (NMDR) identified in a previous EFSA External Report (Beausoleil et al., 2016) produced under GP/EFSA/SCER/2014/01 and the follow-up probabilistic assessment (Chevillotte et al., 2017a,b), focusing on the *in vivo* data sets fulfilling most of the checkpoints of the visual/statistical-based analysis identified in Beausoleil et al. (2016). The evaluation was completed with cases discussed in EFSA assessments and the update of the scientific literature. Observations of NMDR were confirmed in certain studies and are particularly relevant for receptor-mediated effects. Based on the results of the evaluation, the Opinion proposes an approach to be applied during the risk assessment process when apparent non-monotonicity is observed, also providing advice on specific elements to be considered to facilitate the assessment of NMDR in EFSA risk assessments. The proposed approach was applied to two case studies, Bisphenol A and bis(2-ethylhexyl phthalate (DEHP) and these evaluations are reported in dedicated annexes. Considering the potential impact of NMDRs in regulatory risk assessment, the Scientific Committee recommends a concerted international effort on developing internationally agreed guidance and harmonised frameworks for identifying and addressing NMDRs in the risk assessment process.

EXAMPLE OF CROSS-CUTTING GUIDANCE DOCUMENTS



GUIDANCE

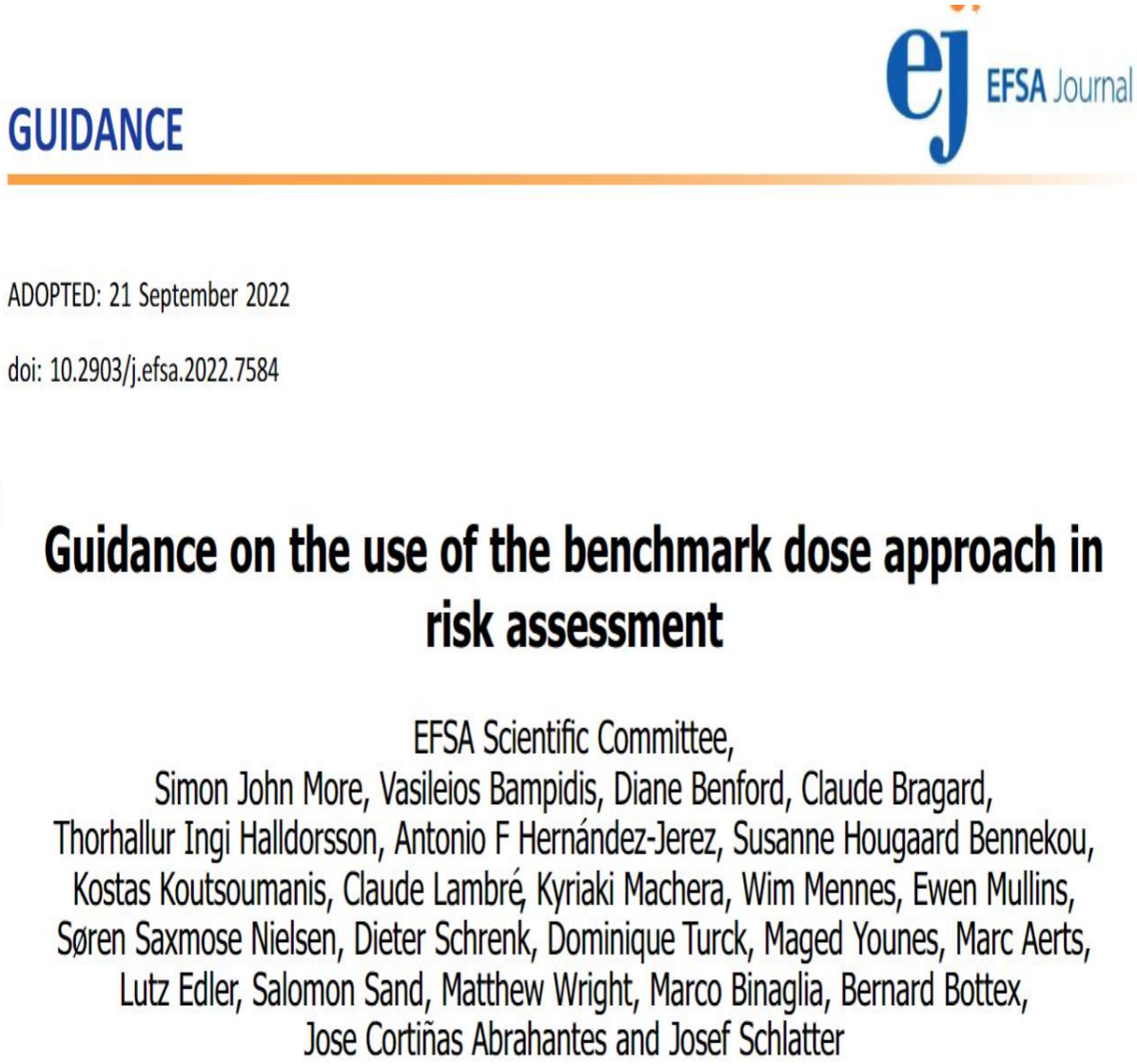
EFSA Journal

ADOPTED: 30 June 2021

doi: 10.2903/j.efsa.2021.6768

Guidance on risk assessment of nanomaterials to be applied in the food and feed chain: human and animal health

EFSA Scientific Committee,
Simon More, Vasileios Bampidis, Diane Benford, Claude Bragard, Thorhallur Halldorsson, Antonio Hernández-Jerez, Susanne Hougaard Bennekou, Kostas Koutsoumanis, Claude Lambré, Kyriaki Machera, Hanspeter Naegeli, Søren Nielsen, Josef Schlatter, Dieter Schrenk, Vittorio Silano (deceased), Dominique Turck, Maged Younes, Jacqueline Castenmiller, Qasim Chaudhry, Francesco Cubadda, Roland Franz, David Gott, Jan Mast, Alicja Mortensen, Agnes G. Oomen, Stefan Weigel, Eric Barthelemy, Ana Rincon, José Tarazona and Reinhilde Schoonjans



GUIDANCE

EFSA Journal

ADOPTED: 21 September 2022

doi: 10.2903/j.efsa.2022.7584

Guidance on the use of the benchmark dose approach in risk assessment

EFSA Scientific Committee,
Simon John More, Vasileios Bampidis, Diane Benford, Claude Bragard, Thorhallur Ingi Halldorsson, Antonio F Hernández-Jerez, Susanne Hougaard Bennekou, Kostas Koutsoumanis, Claude Lambré, Kyriaki Machera, Wim Mennes, Ewen Mullins, Søren Saxmose Nielsen, Dieter Schrenk, Dominique Turck, Maged Younes, Marc Aerts, Lutz Edler, Salomon Sand, Matthew Wright, Marco Binaglia, Bernard Bottex, Jose Cortiñas Abrahantes and Josef Schlatter

EXAMPLE OF ONGOING CROSS-CUTTING GUIDANCE DEVELOPMENT

Info session on EFSA's draft guidance on protocol development

Location: Online ***Date:*** 28 March 2023, 14.30 - 17.30 (CEST)

Register here

Deadline: 24 March 2023 - 12:00 (CET)

Contents

- Documents
- Related topic(s)

Background

EFSA is committed to delivering trustworthy scientific advice and communication of risks from farm to fork. To help achieve this objective, the EFSA Strategy 2027 outlines the need for fit-for-purpose protocols for EFSA's generic scientific advice. Protocols illustrate *a priori* the aim of the assessment (problem formulation) and the methods that will be applied to carry it out.

EFSA's Scientific Committee is developing a guidance document to provide EFSA's scientific panels and units with a harmonised but flexible framework for developing protocols for 'generic mandates', i.e. those not related to the evaluation of regulated products for market authorisations. The guidance document can also be useful for preparing dossiers for regulated products, when the scientific and regulatory framework does not fully detail the data requirements and/or the methods for collecting, analysing, and synthesising data.

The Guidance document, which updates and replaces EFSA's 'Draft framework for protocol development', will undergo a public consultation from March to May 2023 aimed at gathering feedback and input from interested

EFSA Journal

SCIENTIFIC OPINION

ADOPTED: The document was endorsed for publication and testing on 24 June 2020

doi: 10.2903/j.efsa.2020.6221

Draft for internal testing
Scientific Committee guidance on appraising and integrating evidence from epidemiological studies for use in EFSA's scientific assessments

EFSA Scientific Committee,
Simon More, Vasileos Bambidis, Diane Benford, Claude Bragard, Antonio Hernandez-Jerez, Susanne Hougaard Bennekou, Kostas Koutsoumanis, Kyriaki Machera, Hanspeter Naegeli, Soren Saxmose Nielsen, Josef R Schlatter, Dieter Schrenk, Vittorio Silano, Dominique Turck, Maged Younes, Tony Fletcher, Matthias Greiner, Evangelia Ntzani, Neil Pearce, Marco Vinceti, Laura Ciccolallo, Marios Georgiadis, Andrea Gervelmeyer and Thorhallur I Halldorsson

EXAMPLE OF PUBLISHED SC CROSS-CUTTING GUIDANCE

- Guidance on the risk assessment of substances present in food intended for **infants below 16 weeks of age** (EFSA, 2017)
- Guidance on the use of the **weight of evidence** approach in scientific assessments (EFSA, 2017)
- Guidance on the assessment of the **biological relevance** in scientific assessments (EFSA, 2017)
- Clarification of some aspects of **genotoxicity assessment** (EFSA, 2017)
- Guidance on **uncertainty analysis** in risk assessment (EFSA, 2018)
- **Genotoxicity** assessment of chemical **mixtures** (EFSA, 2019)
- Guidance on harmonised methodologies for human health, animal health and ecological risk assessment of **combined exposure to multiple chemicals** (EFSA, 2019)
- Guidance on the use of the **Threshold of Toxicological Concern (TTC)** approach (EFSA, 2019)
- Guidance on technical requirements for regulated food and feed product applications to establish the presence of small particles including nanoparticles **(EFSA, 2021)**

Your Questions

1. Does EFSA provide training on methodologies used in risk assessment?

2. How many meetings/year are envisaged for the SC?

3. Does the Scientific Committee also include non-researchers?

THANK YOU FOR ATTENDING OUR EVENT

- The recording of today's event will be available on the EFSA website in few days
- Please take few minutes to fill out the evaluation survey that you will receive after the event. Your feedback is essential to improve our future events
- For any further questions, contact us at selection.experts@efsa.europa.eu

Make a difference to food safety in Europe. JOIN US!

The call for expressions of interest is open for applications
1 February to 3 April 2023

Apply via EFSA Career Site:
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