



Update from the Scientific Committee

Management Board Meeting
20 June 2018

RISK ASSESSMENT METHODOLOGY



COMBINED EXPOSURE TO MULTIPLE CHEMICALS

Guidance on Chemical Mixtures

- Harmonisation of RA methodologies for human health, animal health and ecological risk assessment of combined exposure to multiple chemicals

Draft commented

- Revised draft discussed at Plenary
- Endorsed for Public Consultation
- Amended GD to be adopted by new Scientific Committee in late autumn 2018
- International Conference Spring 2019

GENOTOXICITY ASSESSMENT OF CHEMICAL MIXTURES

- Draft Statement prepared by the SWG on Genotoxicity
- Discussed and amended in Plenary
- Endorsed for Public Consultation during summer (to be published at the same time as the Draft Guidance on Chemical Mixtures)
- EFSA will arrange a technical hearing in Brussels in September
- Amended statement to be discussed and adopted by the new Scientific Committee in autumn 2018

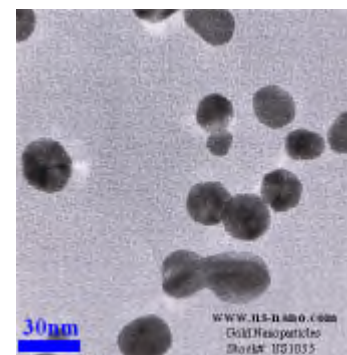
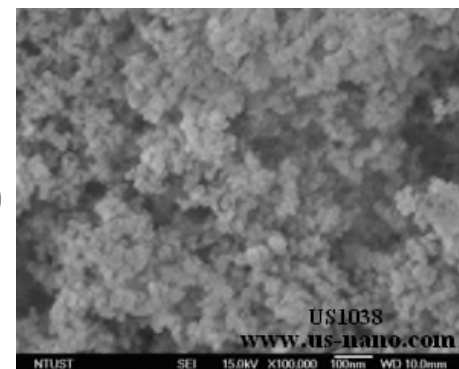
DRAFT GUIDANCE ON NANOMATERIALS

- Part 1 – human and animal health
- Part 2 – environmental
- 6 EFSA Panels and Units (+ external experts)

Areas covered

- Novel foods
- Food additives
- Food Contact Materials
- Feed
- Nanopesticides
- Nanocarriers

Public Consultation
completed 3rd March



GUIDANCE ON NANOMATERIALS

- Public Consultation - 400 comments received from 30 interested parties
- Revised Draft Guidance discussed at Plenary
- Endorsed for publication and 1 year Pilot phase
- SWG pilot group to be set up to support Panels
 - Real cases, past cases, hypothetical cases
- Stakeholder meeting January 2019
- Draft Guidance to be reassessed after pilot trial and adopted by new SC
- Part 2 - Guidance on Environmental RA of Nanomaterials

DRAFT GUIDANCE ON ENDOCRINE DISRUPTORS

- SC comments on draft ECHA/EFSA Guidance on Endocrine Disruptors
- Discussed and endorsed for publication in the technical report of the consultation

SC Programme for last 6 years

- Clarification on certain aspects of genotoxicity assessment
- Uncertainty in scientific assessment
- Communication on uncertainty
- Biological relevance
- Weight of evidence
- Risk assessment of substance present in food intended for infants
- Scientific motivations and criteria to consider updating EFSA scientific assessments
- Chemical mixtures - public consultation on ToRs
- Special issue 2nd Scientific Conference: weighing evidence and assessing uncertainties
- Protection goals in ERA
- Endangered species in ERA
- Ecological recovery in ERA
- Priority topics for guidance development



Other outputs

- ToRs EU Bee Partnership
- Collecting and sharing data on bee health: towards a European Bee Partnership
- Specifications for field data collection contributing to honey bee model corroboration and verification
- Honey bee colony model specifications
- Joint VKM/EFSA Symposium on risk assessment and risk management cooperation on environmental protection goals
- Review of Non Monotonic Dose Response (NMDR)
- TTC approach - event report
- Workshop on increasing robustness, transparency and openness of scientific assessments

Other outputs

- Risk profile of insects in food and feed
- EFSA's activities on emerging risks in 2016, 2017 and 2018 (to be published)
- Horizon 2020: EFSA's Priority Research Topics (2017)
- Scientific Colloquium 22 – Epigenetics and Risk Assessment
- Testing a procedure for identifying emerging chemical risks
- Scientific colloquium 24 - OMICS in risk assessment



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