

6 October 2022  
Management Board

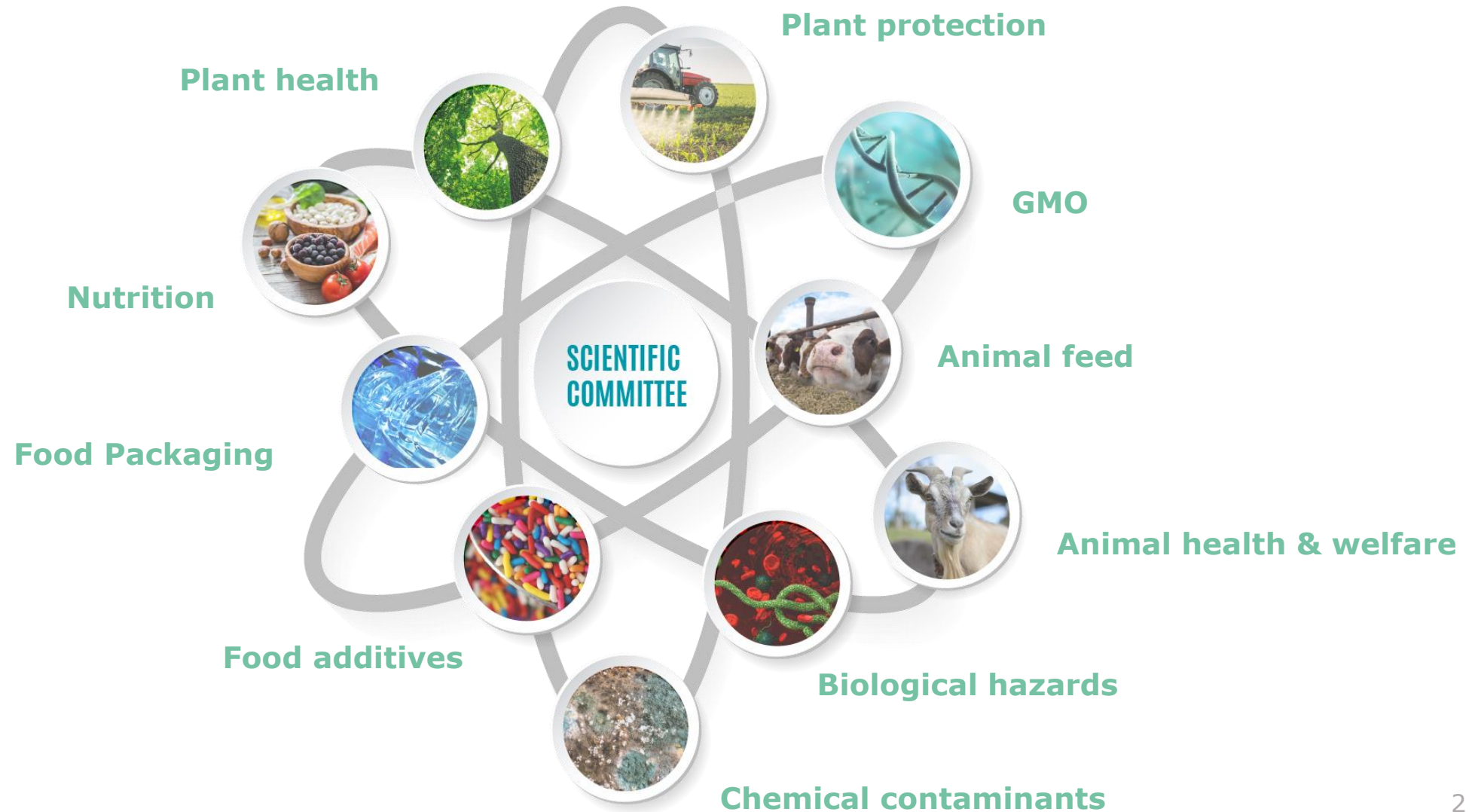
# Highlights from 110<sup>th</sup> SC Plenary (21-22 September 2022)

**Simon More**

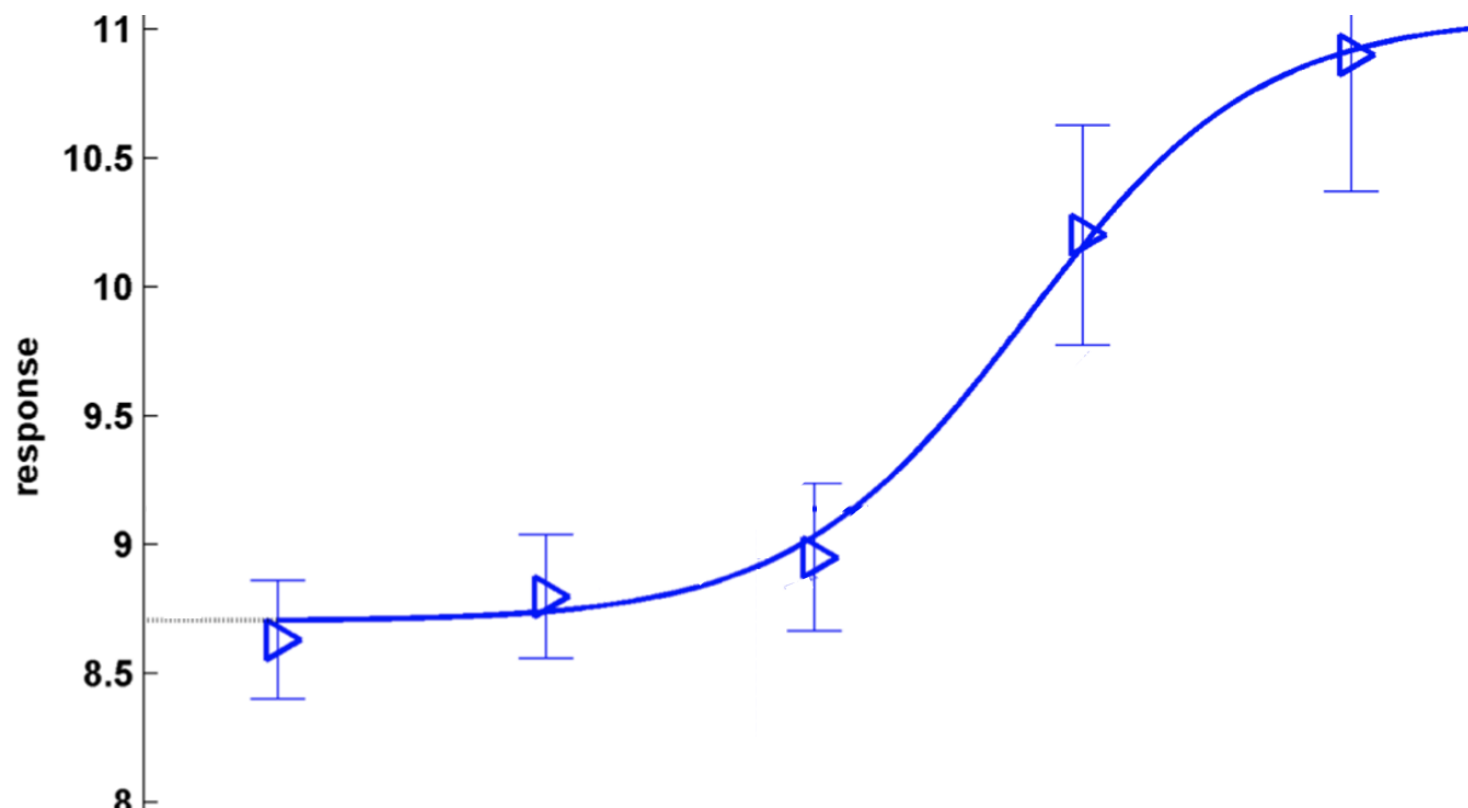
Chair of the EFSA Scientific Committee

Trusted science for safe food

# The Scientific Panels



# Benchmark dose modelling



The dose makes the poison  
*[Sola dosis facit venenum]*

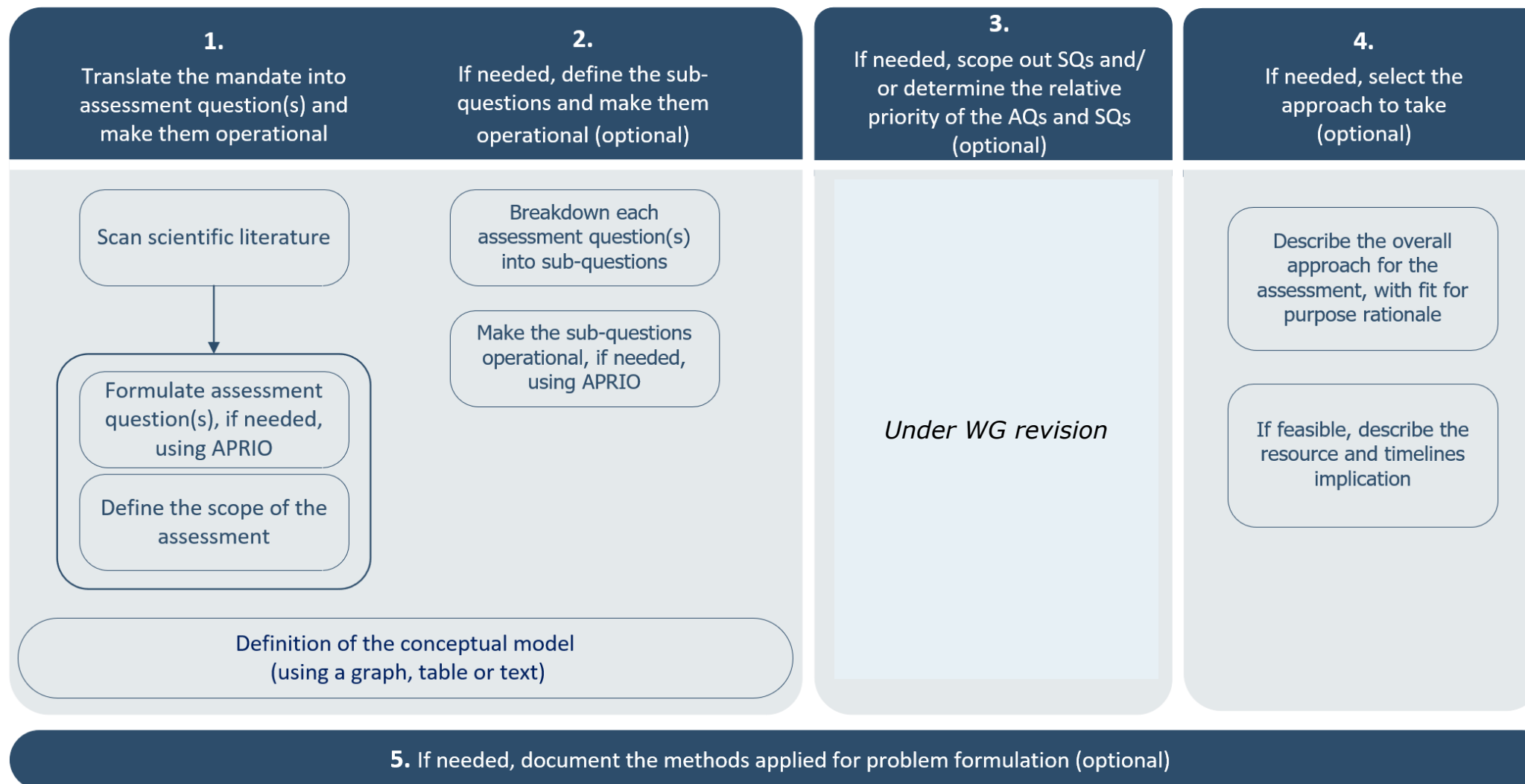
*Paracelsus (1493/4-1541)*



Modified from:

EFSA Scientific Committee, et al., 2017. Update: use of the benchmark dose approach in risk assessment. EFSA J 15, e04658. <https://doi.org/10.2903/j.efsa.2017.4658>

## PROBLEM FORMULATION (part 1 of protocol development: the *WHAT*) (section 6):



- Further development of ApisRAM (*honey-bee colony model for risk assessment*)
- New guidance
  - Point of departure for reasons other than adversity (*biomarkers of effects*)
  - Appraising and integrating evidence from epidemiological studies
- Guidance revision
  - Expert Knowledge Elicitation (EKE) - *living* document complemented with examples-
  - Default values in the absence of actual data -Task force to identify the extent of changes-
  - Margin of Exposure: depending on resources

- New guidance
  - Risk assessment of microorganisms used in the agri-food chain
  - Refinement of the allergenicity risk assessment in food and feed derived for biotechnology products
  - Evaluation of 'natural' materials and food components for use in food contact materials

- New guidance
  - Estimation of relative potency factors
  - Environmental aspects of risk assessment for food additives and flavourings
  - Assessment of *in vitro* mode of action studies