

BMD Workshop Brussels 15-16 Feb 2023



# INTRODUCTION TO DAY 2

Marco Binaglia  
Senior Scientific Officer Toxicologist – PREV Unit

# AGENDA

<b>PRACTICAL EXERCISES</b>		
<b>Chair: Jose Cortiñas Abrahantes, EFSA</b>		
09:00-09:05	<b>Welcome</b>	Jose Cortiñas Abrahantes, EFSA
09:05-11:00	<b>Practical Exercises</b>	
11:00-11:30	<b>Coffee/Tea break</b>	
11:30-12:45	<b>Practical Exercises</b>	
12:45-13:00	<b>Concluding remarks and closure of the event</b>	Josef Schlatter, Chair of the EFSA WG on BMD
13:00	<b>END OF DAY 2</b>	



# SETTING

- Participants will be divided in groups with one appointed facilitator
- Five exercises will be presented
- BMD modelling will be first performed by EFSA
- Each group will be subsequently asked to repeat the exercises



## OBJECTIVES OF DAY 2

- Practical application of the new BMD Guidance on real-life datasets
- Get insight on how to analyse the model outputs
- Hands-on practice in the new EFSA BMD tool, both on basic and advanced functionalities



# EXERCISES

- The case studies will cover both mammalian toxicology and environmental toxicology endpoints:
  - Body weight and organ weight changes from a 28-day oral study (OECD TG 407) in Wistar rats
  - Hatchlings body weight and 3-week embryo viability (relative to the number of eggs set) from an avian reproduction test (OECD 206 and US EPA OCSP 850.230027)
- The studies were selected from the pesticides areas to familiarise experts in this field with the BMD approach
- The methodology and the modelling features illustrated can be extended to all areas where human health and environmental hazard characterization and risk assessment of chemicals are performed.



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