

SAVE THE DATE



Towards the **EU FOOD SAFETY FORUM**
The new sustainability regulation: how to integrate it
into food safety?

15th December 2022

h. 09:30 - 13:00 CET



Copa - Cogeca | European Farmers European Agri-Cooperatives
Room A 61, Rue de Trèves
Brussels



Grant Agreement No. 101000613

www.foodsafety4.eu





FoodSafety4EU

MULTI-STAKEHOLDER PLATFORM
FOR FOOD SAFETY IN EUROPE

Towards the EU FOOD SAFETY FORUM | 15th December 2022



HuMyco

INVESTIGATING HUMAN MYCOTOXIN EXPOSURE THROUGH UNITING LARGE-SCALE EPIDEMIOLOGICAL & MECHANISTIC POLY-OMIC DESIGNS

Prof. Dr. Marthe De Boevre

Ghent University



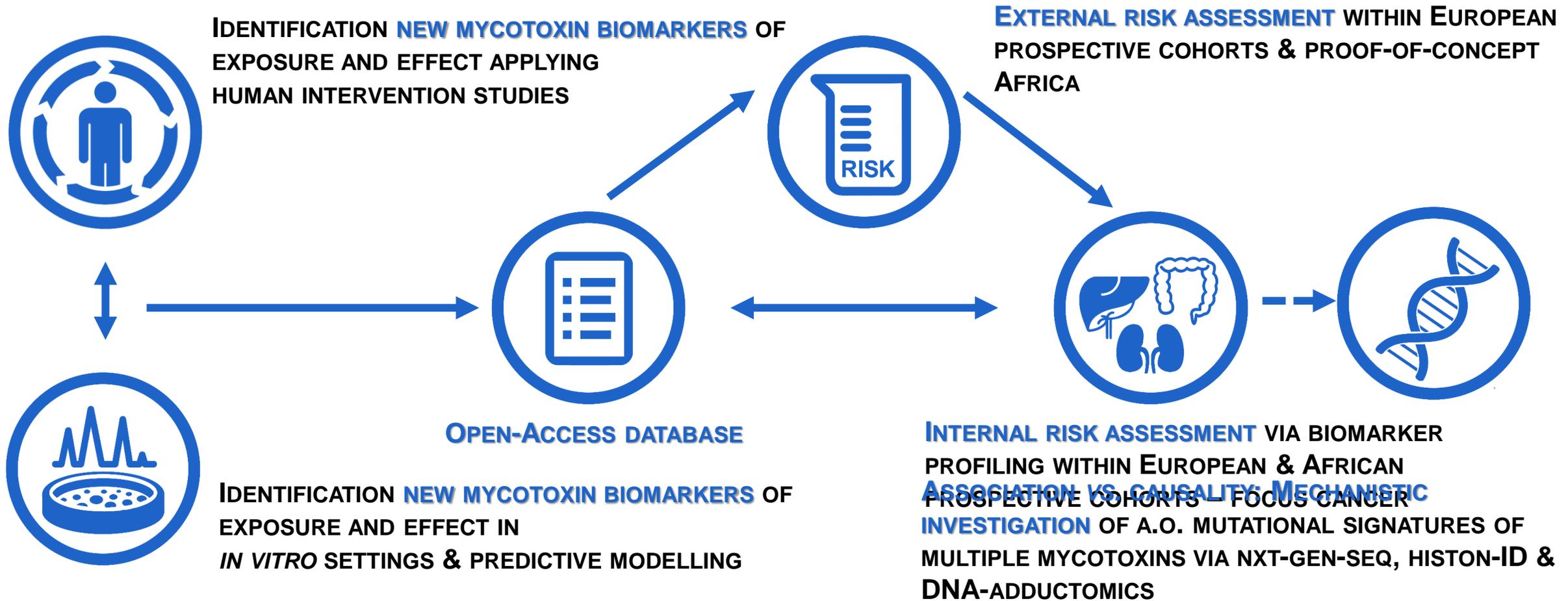
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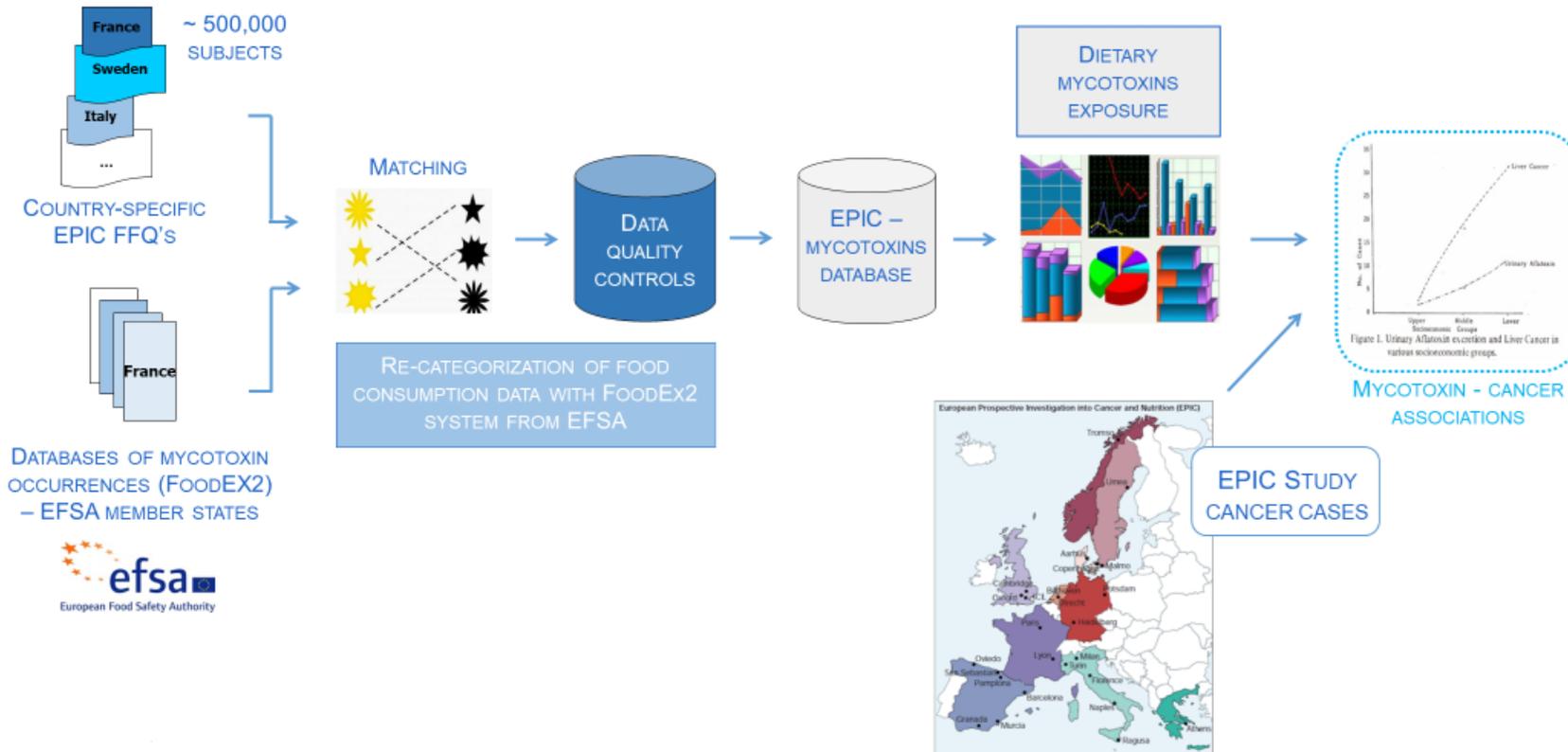


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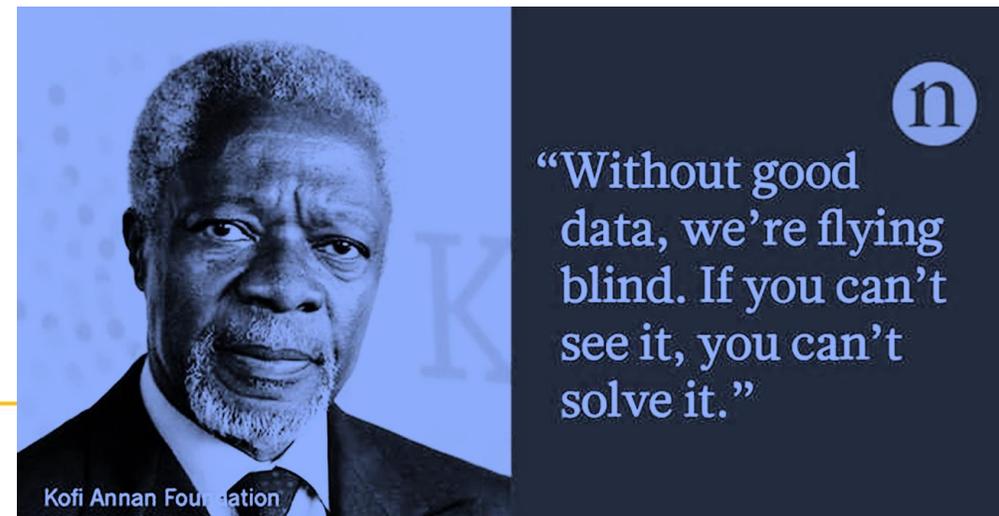


DOES CHRONIC INTAKE OF MULTIPLE MYCOTOXINS LEAD TO A HIGHER RISK OF HUMAN CARCINOGENESIS?

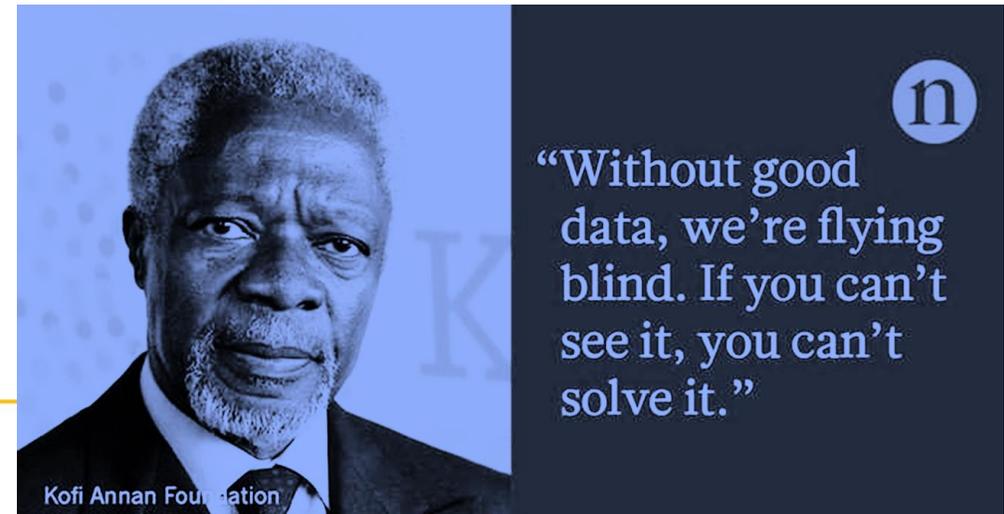


CURRENT CHALLENGES: NEED FOR ACTION

- COMMON METHOD = FOOD CONSUMPTION X FOOD CONTAMINATION
- SCATTERED & POORLY-DESCRIBED FOOD SAFETY DATA
- MISSING LINKS BETWEEN HUMAN EXPOSURE & DISEASE OUTCOMES: LACK OF ROBUST EPIDEMIOLOGICAL STUDIES & MECHANISTIC DESIGNS
- BIOMARKER ANALYSIS FOR MYCOTOXIN EXPOSURE ASSESSMENT IS A GROWING, STILL DEVELOPING FIELD



EPIDEMIOLOGICAL COHORTS IN EUROPE – AMPLE FOCUS ON FOOD SAFETY



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GLORIA – GHENT COHORT

GHENT LONGITUDINAL OBSERVATIONAL RESEARCH INVESTIGATING AGING

- UNIQUE FOCUS ON EXPOSOME & GENOME ✎ EXTENSIVE PHENOTYPING
- POPULATION-BASED PROSPECTIVE COHORT STUDY
- > 45+ YEARS, N = 20.000
- **BUILDING A SUSTAINABLE & HARMONIZED DATA-INFRASTRUCTURE**, INCL. HUMAN BIOBANK
- BASELINE-, MEDICAL-, ENVIRONMENTAL-, FOOD SAFETY- & LONGITUDINAL DATA





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THANK TO ALL



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