

SAFFI Video available at

<https://vimeo.com/742671670>



The description of the principles, mission and goals of SAFFI is now well described in the Video on SAFFI (<https://vimeo.com/742671670>) produced by the Union of the National European Pediatric Societies (EPA-UNEPSA) recently published in the web. The video was made possible with the support of the EU grant Horizon 2020 (research and innovation programme under grant agreement No 861917).

The 11 minutes video summarizes some of the key elements of this program which targets food for 15 million children living in the European Union and 45 million children living in China, all under the age of three. It aims at developing an integrated approach to enhance the identification, assessment, detection and mitigation of safety risks raised by microbial and chemical hazards all along EU and China infant food chains. In the video is explained that SAFF's goal is to discover unexpected contaminants by predictive toxicology and improve risk-based food safety management of biohazards by omics and predictive microbiology and to develop a decision-support system (DSS) to enhance safety control all along the food chain. This Decision Support System (DSS) will integrate the existing databases, procedures and methods and it will provide a framework for a generic DSS dedicated to other foods.

Most importantly, SAFFI will discover unexpected contaminants by predictive toxicology and improve risk-based food safety management of biohazards by omics and predictive microbiology. SAFFI will co-develop with and deliver to stakeholders a decision-support system (DSS) to enhance safety control all along the food chain. This DSS will integrate the databases, procedures and methods described above and will be a framework for a generic DSS dedicated to other food. To achieve these goals SAFFI will benchmark the main safety risks through an extensive hazard identification system based on multiple data sources and a risk ranking procedure. During 4 years of work, the research centers involved will also develop procedures to enhance TOP-DOWN and BOTTOM-UP hazard control by combining management options with a panel of technologies for the detection and mitigation of priority hazards.

Coordinated by the French National Research Institute for Agriculture, Food and Environment (INRAE), SAFFI bring together 14 partners from seven countries across Europe and 6 partners from two Chinese provinces gathering the required expertise in food safety control, infant food production, analytical and data sciences to achieve the project goal.

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SAFFI: THE SINO-EUROPEAN CONSORTIUM PARTNER CENTERS



- Coordination: French National Research Institute for Agriculture, Food and Environment (INRAE),
- Five international infant food companies (Friesland Campina, HiPP, YIOTIS, Beingmate, YFFC)
 - Two food safety authority institutions (ZAIQ and ANSES)
 - Three European technological SMEs (CremeGlobal, Computomics, BDS)
 - The Union of 49 National European Societies of Pediatric (EPA-UNEPSA)
 - Seven leading European and Chinese academic institutions (WU, UNITO, IRTA, IVV; ZJU, ZAAS, JAAS)



Contact
 Coordinator: Dr. Erwan Engel
 Institut National De Recherche Pour L'agriculture, L'alimentation Et L'environnement
 UR370 QuaPA, MASS group / 63122 Saint-Genès-Champanelle - FRANCE
 Tel : +33(0)473624589 - email: erwan.engel@inrae.fr

