



National Research Institute
for Food and Nutrition
Rome, Italy
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EFCOVAL Project (FP6022895)
European Food Consumption
Validation
www.efcoval.eu

WORK PACKAGE 4
Dietary Exposure Assessment
WORKSHOP

"Food consumption data needs for the
assessment of dietary exposure to
flavourings in the EU"

28 September 2007

Mercure Roma Delta Colosseo Hotel
Via Labicana, 144 - 00184
Rome, Italy



The work takes a place with the financial support of the European Community

EFCOVAL PROJECT

EUROPEAN FOOD CONSUMPTION VALIDATION

VI Framework Programme FOOD-CT-2006-022895

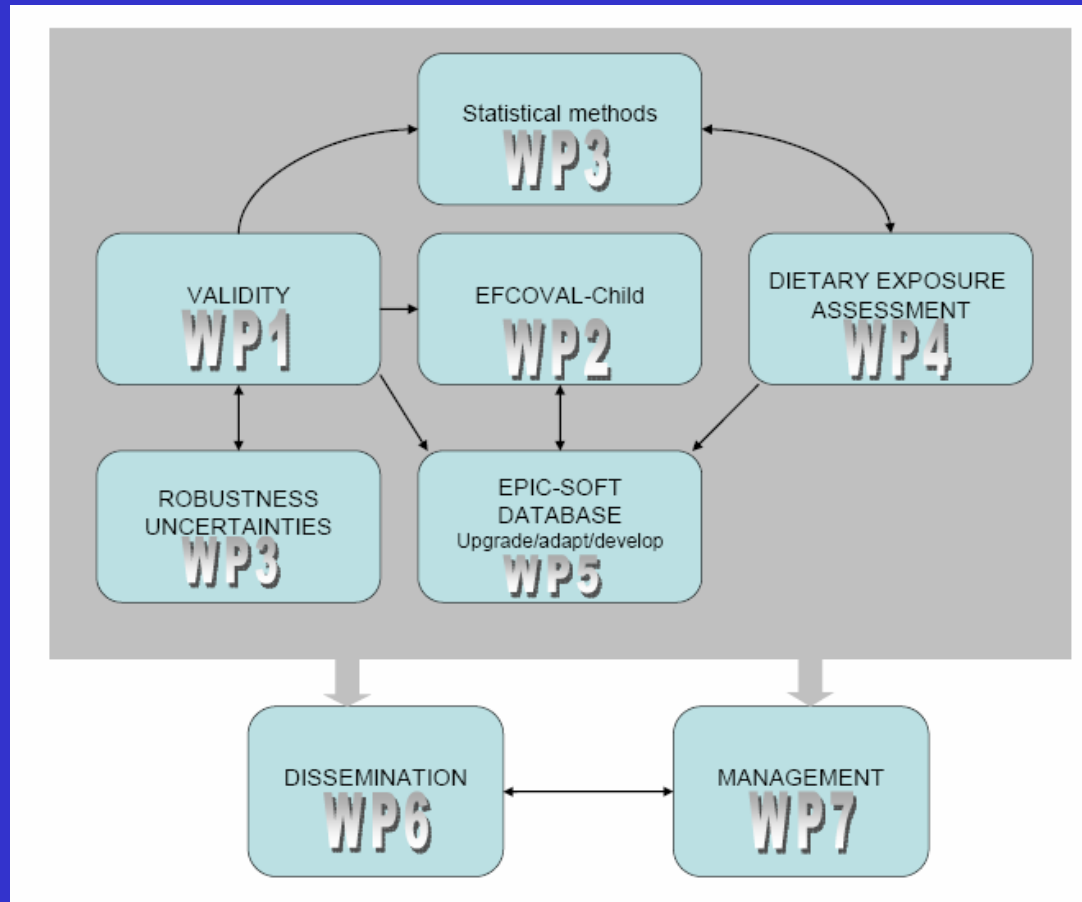
Specific Targeted Research Project

October 2006 - September 2009

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European Food Consumption validation



WP4. Dietary exposure assessment

Work package Leader: Partner 9 - National Research Institute for Food and Nutrition (INRAN), Rome, Italy

Research group involved:

Catherine Leclercq
Cinzia Le Donne
Raffaella Piccinelli
Stefania Sette
Aida Turrini



WP4. Dietary exposure assessment

Other partners:

Partner 1 TNO, Netherlands Organisation for Applied Scientific Research, The Netherlands

Partner 2 DIfE, German Institute of Human Nutrition, Germany

Partner 3 DFVF, Danish Institute for Food and Veterinary Research, Denmark

Partner 5 DPH, Ghent University, Belgium

Partner 6 INRA, Institut National de la Recherche Agronomique, France

Partner 7 IARC, International Agency for Research on Cancer

Partner 11 WU, Wageningen University, The Netherlands

Partner 13 NIPH, National Institute of Public Health

Partner 14 AFSSA, Agence Française de Sécurité Sanitaire des Aliments, France

WP4. Dietary exposure assessment

MAIN OBJECTIVE



“To provide specific recommendations on how to adapt the method being designed to assess dietary intake at an individual level (EPIC-SOFT) for use in the assessment of dietary exposure to a specific category of potentially hazardous substances”

WP4 TASKS

- Task 4.1 Selection of a category of substances on which attention will be focused in the adaptation of EPIC-SOFT.
- Task 4.2 Identification of critical aspects of existing data sets for food safety.
- Task 4.3 Definition of requirements for the adaptations of EPIC-SOFT, for use in the assessment of dietary exposure to the target chemicals.

The criteria of selection used to chose the category were:

1. Presence in the diet
2. Degree of potential safety concern
3. Existence of challenging methodological issues for the exposure assessment of substances present in the category
4. Feasibility of collecting adequate consumption data through a modified EPIC SOFT
5. Existence of data gaps
6. Diet as the main source of exposure
7. Existence of concentration data

FLAVOURING SUBSTANCES

were selected as the target category for WP4

WP4 TASKS

- Task 4.1 Selection of a category of substances on which attention will be focused in the adaptation of EPIC-SOFT.
- Task 4.2 Identification of critical aspects of existing data sets for food safety.
- Task 4.3 Definition of requirements for the adaptations of EPIC-SOFT, for use in the assessment of dietary exposure to the target chemicals.

Task 4.2 Identification of critical aspects of existing data sets for food safety

Organization of a workshop involving experts and external consultants in exposure assessment at European level with the aim of collecting ideas and comments for the adaptations of EPIC-SOFT for use in the assessment of dietary exposure to target chemicals.



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9.30–11.00

PART I

Why do we need exposure data?

Risk assessment and risk management

9.30–10.00

History of exposure assessment of flavourings at EU level

Davide Arcella (EFSA)

10.00–10.30

Exposure data needs for risk management at EU level: the positive list

Wim Debeuckelaere (European Commission – DG SANCO)

10.30–11.00

Exposure assessment of flavourings in the international setting of JECFA and CODEX

Annika Wenberg (FAO JECFA Secretariat)

11.00–11.30

Coffee break

11.30–12.00

Characterization of the uncertainty in exposure assessment of flavourings

Max Feinberg (INRA)

12.00–13.15 **PART II**
Occurrence data

12.00–12.15	Food labels as a source of data on the occurrence of flavourings	Cinzia Le Donne (INRAN)
12.15–12.45	Availability of information in relation to the concentration of flavourings in foods	Karl Heinz Engel (TUM)
12.45–13.15	Monitoring of flavourings in food at national level: the French experience	Jean-Luc Volatier (AFSSA)
13.15–14.30	Lunch: Isidoro restaurant (close to the hotel)	

14.30–17.00 **PART III**
Consumption data

- | | | |
|-------------|--|----------------------------|
| 14.30–15.00 | Limitations of the food consumption surveys performed at EU level for the assessment of dietary exposure to flavourings. | Catherine Leclercq (INRAN) |
| 15.00–15.30 | Possible adaptations of the EPIC SOFT databases to assess dietary exposure to flavourings | Marga Ockè (RIVM) |
| 15.30–17.00 | Discussion and recommendations from EFCOVAL partners and from external invited experts | |
| 17.00 | Closing of the workshop | |

Other invited participants:

Name	Organization
Barbara Burlingame	FAO - Food and Agriculture Organization, Italy
Ruth Charrondière	FAO - Food and Agriculture Organization, Italy
Marie Claude Dop	FAO - Food and Agriculture Organization, Italy
Paolo Stacchini	ISS – Superior Institute of Health, Italy
Riccardo Crebelli	ISS – Superior Institute of Health, Italy
Astrid Kruizinga	TNO – Netherlands Organization for Applied Scientific Research, Netherlands

Participants from EFCOVAL partners

Name	Organization
Ellen Trolle	DFVF – Danish Institute for Food and Veterinary Research, Denmark
Tue Christensen	DFVF – Danish Institute for Food and Veterinary Research, Denmark
Pilar Amiano	BIOEF - Fundación Vasca de Innovación e Investigación Sanitarias, Spain
Max Feinberg	INRA - Institut National de la Recherche Agronomique, France
Inge Huybrechts	IARC - International Agency for Research on Cancer, France
Wanda Wendel -Vos	RIVM - National Institute for Public Health and the Environment, The Netherlands
Marga Ocké	RIVM - National Institute for Public Health and the Environment, The Netherlands
Anouk Geelen	WU - Wageningen University, The Netherlands
Jeanne de Vries	WU - Wageningen University, The Netherlands
Olga Soeverein	WU - Wageningen University, The Netherlands
Sandra Crispin	WU - Wageningen University, The Netherlands
Lene Frost Andersen	UiO – University of Oslo, Norway
Inger T. L. Lillegaard	UiO – University of Oslo, Norway
Jiri Ruprich	NIPH - National Institute of Public Health, Czech Republic
Jean-Luc Volatier	AFSSA - Agence Française de Sécurité Sanitaire des Aliments, France

Participants from INRAN:

Carlo Cannella	INRAN – National Research Institute for Food and Nutrition, Italy
Catherine Leclercq	INRAN – National Research Institute for Food and Nutrition, Italy
Cinzia Le Donne	INRAN – National Research Institute for Food and Nutrition, Italy
Raffaëla Piccinelli	INRAN – National Research Institute for Food and Nutrition, Italy
Stefania Sette	INRAN – National Research Institute for Food and Nutrition, Italy
Pasquale Buonocore	INRAN – National Research Institute for Food and Nutrition, Italy
Marika Ferrari	INRAN – National Research Institute for Food and Nutrition, Italy
Antonio Raffo	INRAN – National Research Institute for Food and Nutrition, Italy
Flavio Paoletti	INRAN – National Research Institute for Food and Nutrition, Italy



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