

**PRE-ACCESSION PROGRAMME**

Parma, 4 September 2013

**For restricted use only**

**Training on Risk Assessment in Nutrition  
Venue: TBD, Skopje, FYR of Macedonia  
12-14 November, 2013**

***Agenda***

Time		Activity	Tutor
From	To		
<b>DAY 1 (12 November)</b>			
12.00	12.30	<b>Arrival of participants</b>	
12.30	13.30	<b>Lunch</b>	
13.30	14.00	<b>Registration of participants</b>	
14.00	14.15	<b>Welcome and introduction to the Pre-Accession Programme</b>	<b>Finn Sheye, EFSA</b>
14.15	15.00	<b>Introduction to the course</b>	<b>Inge Tetens, DTU</b>
		<b>Content of the session:</b> Opening and welcome address. Overview of the training course activities: general and learning objectives, program and expectations for the course. Presentation of participants.	
15.00	15.45	<b>Lecture:</b> <b>What is risk and what is risk analysis?</b>	<b>Inge Tetens, DTU</b>
		<b>Content of the session:</b> Introduction to the concepts of risk and risk assessment in the context of nutrition. Introduction to the three pillars of risk analysis: risk assessment, risk management and risk communication.	
		<b>Objectives of the session:</b> Understand the concepts of risk and hazard; <b>discuss</b> the importance of risk perception; acquire knowledge on the three pillars of risk	

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		analysis, recognizing the role of each and the importance of separating tasks among risk assessors and risk managers.	
15.45	16.00	<b>Coffee break</b>	
16.00	16.45	<b>Lecture:</b> <b>What is risk assessment?</b>	<b>Anja Pia Biloft-Jensen, DTU</b>
		<b>Content of the session:</b> Overview of the four basic steps of risk assessment: risk identification, risk characterization, exposure assessment, and risk characterization. Presentation of the main differences between e.g. nutritional and health risk assessment. Introduce examples of different types of risk assessment, including quantitative risk assessment vs. qualitative risk assessment.	
		<b>Objectives of the session:</b> Understand the differences and similarities of concepts and risk terminology in the various areas of food safety in the context of nutrition. Understand the content, objectives, data requirements and methods of each step of the risk assessment process and understand the differences between quantitative and qualitative risk assessment.	
16.45	17.15	<b>Recapitulation on risk analysis and risk assessment</b>	<b>Inge Tetens, Anja Pia Biloft-Jensen, DTU</b>
17.15	17.45	<b>Lecture:</b> <b>EFSA's role in risk assessment</b>	<b>GELBMANN Wolfgang, EFSA</b>
		<b>Content of the session:</b> Introduction into EFSA's work on risk assessment in the area of nutrition.	
		<b>Objectives of the session:</b> Obtain basic understanding of EFSA's role on risk assessment in the area of nutrition.	
17.45	19.00	<b>Welcome aperitivo</b>	<b>All</b>

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<b>DAY 2 (13 November)</b>			
09.00	09.30	<b>Lecture:</b> <b>Novel foods</b>	<b>GELBMANN Wolfgang, EFSA</b>
		<b>Content of the session:</b> Risk assessment of novel foods, including assessment of risk of change in diet composition due to introduction of novel food into existing diet.	
		<b>Objectives of the session:</b> Understand the nutritional part of the risk assessment of novel foods.	
09.30	10.30	<b>Group exercise:</b> <b>Case-study 1: Novel foods</b>	<b>GELBMANN Wolfgang, EFSA</b>
		<b>Content of the session:</b> Introduction to the nutritional issues in risk assessment of novel foods in the EU using selected EFSA opinions on novel foods with group discussions on the sections on nutrition risk assessment.	
		<b>Objectives of the session:</b> To obtain a basic understanding on the challenges/difficulties in assessing the nutritional safety of different novel foods.	
10.30	10.45	<b>Coffee break</b>	
10.45	11.20	<b>Group exercise (Cont'd)</b> Presentation of the group exercise and plenum discussion	<b>GELBMANN Wolfgang, EFSA</b>
11.20	12.00	<b>Lecture:</b> <b>Concepts, terminologies and methods</b>	<b>Inge Tetens, DTU</b>
		<b>Content of the session:</b> Introduction to the concepts, terminologies and methods used in nutrition risk assessment. Defining Dietary Reference Values (DRV's), nutrient based goals and objectives, and food based dietary guidelines (FBDG).	
		<b>Objectives of the session:</b> Understand the concepts, terminologies and methods used in the risk assessment of nutrition: DRV's, nutrient based goals and objectives, and FBDG	
12.00	12.45	<b>Lecture:</b> <b>Risk assessment steps in relation to vitamins and minerals</b>	<b>Anja Pia Biloft-Jensen, DTU</b>

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		<p><b>Content of the session:</b> Introduction to the concepts, terminologies and methods used in the risk assessment steps in relation to vitamins and minerals (NOAEL, LOAEL, benchmark intake, uncertainty factors, upper intake level (UL), identification of vulnerable subgroups).</p>	
		<p><b>Objectives of the session:</b> Understand the concepts, terminologies and methods used in the risk assessment steps in relation to intake-response assessment.</p>	
12.45	14.00	<b>Lunch break</b>	
14.00	15.00	<p><b>Group exercise:</b> <b>Case study 2:</b> Case study on differences and similarities in nutrition risk assessment models in relation to strategies for safe addition of vitamins and minerals to foods.</p>	<p><b>Inge Tetens, Anja Pia Biltoft- Jensen, DTU</b></p>
		<p><b>Content of the session:</b> Group work on different risk assessment models in relation to addition of vitamins and minerals to foods with group discussions of the different choices that the risk assessor has to make in each model</p>	
		<p><b>Objectives of the session:</b> Obtain an understanding of the different risk assessment models in relation to addition of vitamins and minerals to foods and the effect of model choice on the result.</p>	
15.00	15.10	<b>Short break</b>	
15.10	16.00	<p><b>Group exercise (Cont'd)</b> Presentation of the group exercise and plenum discussion</p>	<b>All tutors of the day</b>
16.00	16.15	<b>Coffee break</b>	
16.15	16.45	<p><b>Lecture:</b> <b>Systematic literature search in risk assessment</b></p>	<p><b>Inge Tetens, DTU</b></p>
		<p><b>Content of the session:</b> Introduction into concepts and methods of systematic literature search in risk assessment in the area of nutrition.</p>	
		<p><b>Objectives of the session:</b> Obtain basic understanding of how to conduct a systematic literature search in risk assessment in the area of nutrition, and understand its strength and weaknesses.</p>	

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16.45	17.15	Discussion and closing of the day	<b>All tutors of the day</b>
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DAY 3 (14 November)			
09.00	09.45	<b>Lecture:</b> <b>Dietary intake methods</b>	<b>Anja Pia Biloft-Jensen, DTU</b>
		<b>Content of the session:</b> Advantages and limitations of different methods for dietary assessments: i.e. 24-hr recall, food diaries, food frequency questionnaires, food datasheets and household budget surveys.	
		<b>Objectives of the session:</b> Understand advantages and limitations of different methods for dietary assessments.	
09.45	10.15	<b>Lecture:</b> <b>The EFSA harmonization approach of a food consumption database</b>	<b>Fanny Heraud/EFSA - DCM Unit</b>
		<b>Content of the session:</b> EFSA Comprehensive European Food Consumption Database in Exposure Assessment and the harmonization approach.	
		<b>Objectives of the session:</b> Understand the rationale for the harmonization of the dietary data in EU and the methods proposed.	
10.15	11.00	<b>Group exercise:</b> <b>Case study 3:</b> Portion size estimations in dietary survey methods.	<b>Inge Tetens, DTU</b>
		<b>Content of the session:</b> Individuals in groups will try to estimate portion sizes from picture books.	
		<b>Objectives of the session:</b> To obtain a basic understanding on the importance and difficulties in assessing reliable portion sizes for different foods and among different subjects.	
11.00	11.15	<i>Coffee break</i>	
11.15	12.00	<b>Group exercise (Cont'd)</b>	
12.00	13.30	<i>Lunch break</i>	
13.30	14.00	<b>Lecture:</b> <b>Tools and databases for the translation of food into nutrients</b>	<b>Anja Pia Biloft-</b>

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		<p><b>Content of the session:</b> Tools and databases needed for translation of dietary intake data into food and nutrient intakes.</p>	<b>Jensen, DTU</b>
		<p><b>Objectives of the session:</b> To give insight into the methods, tools and databases needed to generate output from dietary surveys.</p>	
14.00	15.00	<p><b>Group exercise:</b> <b>Case study 4:</b> Study- and content driven approach to choosing dietary survey methods.</p>	<b>Inge Tetens, Anja Pia Biltoft- Jensen /DTU</b>
		<p><b>Content of the session:</b> The group will choose a suitable dietary assessment approach for different case studies.</p>	
		<p><b>Objectives of the session:</b> To obtain a basic understanding of the different considerations to make in choosing a dietary assessment approach.</p>	
15.00	15.15	<b>Coffee break</b>	
15.15	16.00	<p><b>Group exercise (Cont'd)</b> Presentation of the group exercise and plenum discussion</p>	<b>All tutors of the day</b>
16.00	16.45	<b>Discussion and closing of the trainings</b>	<b>All</b>