

PRE-ACCESSION PROGRAMME

Parma, 17 June 2013

For restricted use only

**Training on Chemical Risk Assessment
Venue: Hotel Adriatik, Lagjia 13, Plazh,
Durrës, Albania 02-04 July, 2013**

Final Agenda

Time		Activity	Tutor
From	To		
DAY 1 (2 July)			
8.30	9.00	Registration of participants	
9.00	9.15	Welcome and introduction to the course	Annette Petersen/Max Hansen - DTU
9.15	10.15	Introduction to chemical Risk Assessment	Max Hansen
		Content of the session: An overview of the general principles in chemical risk assessment and an introduction to risk management and risk communication.	
		Objectives of the session: To be able to describe the general principles in chemical risk analysis.	
10.15	10.50	EFSA work on chemical risk assessment	TIRAMANI Manuela, EFSA
10.50	11.10	Coffee break	
11.10	12.10	Title of the Session: Hazard Identification - toxicokinetics	Max Hansen
		Content of the session: Presentation of toxicokinetics, including absorption, distribution, metabolism and excretion.	
		Objectives of the session: To be able to explain the main points in the absorption, distribution, metabolism and excretion	

ADVISORY FORUM AND SCIENTIFIC COOPERATION UNIT

		processes and why it is important in risk assessment.	
12.10	13.00	Exposure – consumption data	Annette Petersen
		Content of the session: Description of different way to obtain consumption data	
		Objectives of the session: Knowledge of how and where to obtain consumption data as well as the uncertainties in the data	
13.00	14.00	Lunch	
14.00	15.45	Introduction to case-work	Annette Petersen/ Max Hansen
15.45	16.00	Coffee break	
16.00	17.00	Examples of chemical hazards in food and the sources in the chain from farm to fork	Annette Petersen
		Contents of the session: Categories of chemical hazards in the food chain: natural toxins, environmental contaminants, veterinary drugs, pesticides, additives, processing contaminants, migrant from food contact materials	
		Objectives of the session: Knowledge of how contaminants enter the food chain	
17.00	18.00	Case-work	Annette Petersen/ Max Hansen
DAY 2 (3 July)			
9.00	11.15	Title of the Session: Hazard Characterisation	Max Hansen
		Content of the session: Critical effect, dose response relationship, including ADI/TDI, ARfD, NOAEL; benchmark dose, MOE. The participants will work on the project with focus on quantifying health based threshold (dose response relationship) on the critical effect.	
		Objectives of the session: To be able to explain the difference methods of quantifying dose response relationship on the critical effect. To describe hazard characterisation issues in the assigned case.	
11.15	11.30	Coffee break	
11.30	13.00	Exposure estimates: concentration data	Annette

ADVISORY FORUM AND SCIENTIFIC COOPERATION UNIT

		<p>Content of the session: Point estimates, acute and chronic exposure Sampling strategies (monitoring, control etc), quality of data, left-censored data. Uncertainties in data and estimates</p> <p>Objectives of the session: To explain how occurrence data are collected. To explain uncertainties of occurrence data. Knowledge of different ways to perform estimates of the exposure and uncertainties</p>	Petersen
13.00	14.00	Lunch	
14.00	15.15	<p>Genotoxicity and carcinogenicity including coffee break</p> <p>Content of the session: Presentation of genotoxicity in relation to cancer and the role of genotoxicity in risk assessment.</p> <p>Objectives of the session: Explain different types of DNA damage. Explain the difference between genotoxic and non genotoxic carcinogens and the implications of these two types of carcinogens in risk assessment.</p>	Max Hansen
15.15	15.30	Coffee break	
15.30	16.00	<p>Risk Characterisation, risk management and risk communication</p> <p>Content of the session: Examples of risk characterisation, risk management and risk communication</p> <p>Objectives of the session: To understand how a risk assessment can be used in risk management and risk communication</p>	Max Hansen
16.00	18.00	Case-work	Annette Petersen/ Max Hansen
DAY 3 (4 July)			
9.00	10:00	Finalisation of case work	

ADVISORY FORUM AND SCIENTIFIC COOPERATION UNIT

10.00	12.00	Discussion of cases including risk characterisation, risk management and risk communication	
12.00	12.45	Evaluation of the course	
12.45	13.00	Final remarks and good-bye	
13.00	14.00	Lunch	