
Università Politecnica delle Marche

Department of Agricultural, Food and Environmental Sciences



10th Edition of the:

**UNIVPM - UNIDO E-Biosafety Master
Summer ON CAMPUS**

**DOTTORATO DI RICERCA IN SCIENZE AGRARIE, ALIMENTARI ED
AMBIENTALI**

Ancona, June 27 –July 1, 2016



Programme

Monday 27, June 2016 – Room I		
9:00	Registration	
9:30	Welcome and Introduction UNIDO-UNIVPM E-Biosafety Program, activities, purpose of training	Bruno Mezzetti
Introduction to biotechnology and biosafety		
10:15	Breeding and Biotechnology for agricultural production systems	Bruno Mezzetti
11:00	Discussion and Feedback session	
11:30	<i>Break</i>	
New biotechnology		
11.45	RNAi: Mechanisms and biotechnological applications in plants	Silvia Sabbadini
12:45	Discussion and Feedback session	
13:00	<i>Lunch</i>	
Laboratory experience		
14.30	From the <i>in vitro</i> plant micropropagation up to genetic transformation	Silvia Sabbadini
17:30	<i>End of the day</i>	



Tuesday 28, June 2016 – Room I

Biosafety – Environmental safety		
9:00	Environmental Risk Assessment (ERA) The EFSA scientific rationale: Environmental Protection goals, Problem Formulation, Hazard, Exposure and Risk Characterization	Jeremy Sweet
10:00	Discussion and Feedback session	
10.30	Break	
11.00	Direct and Indirect Effects, and Gene Flow consequences with GMHT rice as example	Jeremy Sweet
13.00	Lunch	
14.30	Status GM crops in Europe, regulatory issues and perception	Sylvie De Buck
15.30	Discussion and Feedback session	
16.00	<i>End of the day</i>	

Wednesday 29, June 2016 – Room I

Environmental risk assessment		
9.00	Target and Non-Target interactions of GM Bt plants: risk assessment and risk management	Jeremy Sweet
10.30	Discussion and Feedback session	
10:45	<i>Break</i>	
Food risk assessment		
11:00	Safety Assessment Strategies for GM Food/Feed"- Current Practices and Future Developments	Harry Kuiper
12:00	Discussion and Feedback session	
12:30	Lunch	
Food risk assessment		



14:00	Principles for the Establishment of the Safety and Nutritional Status of Conventional and Novel Foods	Harry Kuiper
15:00	<i>Break</i>	
15.30	Discussion and Feedback session on Environmental and Food risk assessment	Harry Kuiper and Jeremy Sweet
16:30	<i>End of the day</i>	

Thursday 30, June 2016 – Room I

Biosafety rules		
9:30	Global overview of world biosafety rules	Claudia Paoletti
10:30	Discussion and Feedback session	
10:45	<i>Break</i>	
11:00	EU New Biosafety regulations	Claudia Paoletti
12:00	Discussion and Feedback session	
12:30	Lunch	
Case study		
14.30	Presentation of the case study and group work	Bruno Mezzetti, Jeremy Sweet
17.00	End of the day	

Friday 1, July 2016 – Room I

09:00	Final evaluation - UPM E-Biosafety Trainers	Bruno Mezzetti
12:30	Lunch	
Final dissertation guideline – Room L		
13:30	Introduction to dissertation guidelines and discussion	Bruno Mezzetti
	Discussion and Dissertation topics	Bruno Mezzetti
	Feedback from the students on the course	
15:30	<i>End of the on campus</i>	

LIST OF PARTICIPANTS – NOT DEFINITIVE

	Name	Country	Role
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Department of Agricultural, Food and Environmental Sciences

1	Shakirat oloruntoyin Ajenifujah-solebo	Nigeria	2016 Ancona E-Biosafety Trainee
2	Geoffrey muriira Karau	Kenya	2016 Ancona E-Biosafety Trainee
4	Gumisiriza Gilbert	Uganda	2015 Ancona E-Biosafety Trainee
5	Cecilia Limera	Kenya	UNIVPM PhD student
6	Harry Kuiper	Netherlands	EFSA – International Faculty
7	Claudia Paoletti	Italy	EFSA – Parma
8	Sylvie De Buck	Belgium	IPBO-Ghent University
9	Jeremy Sweet	UK	EFSA – International Faculty
10	Bruno Mezzetti	Italy	UPM Coordinator – International Faculty
11	Silvia Sabbadini	Italy	UPM – Post Doc – E-Biosafety Tutor