



9<sup>th</sup> Edition of the:

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

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

Ancona, June 22 – 26, 2015



## Programme

June 21, 2015 Arrival to Ancona

### Monday 22, June 2015 – DIISM ROOM

9:00	Registration	Engineering Faculty hall
9:30	Welcome and Introduction UNIDO-UNIVPM E-Biosafety Program, activities, purpose of training	Bruno Mezzetti
<b>Introduction to biotechnology and biosafety-DIISM ROOM</b>		
10:15	Breeding and Biotechnology for agricultural production systems	Bruno Mezzetti
11:00	Discussion and Feedback session	
11:30	Break	
<b>New biotechnology</b>		
11:45	Gene silencing and the rootstock-variety system	Silvia Sabbadini
12:45	Discussion and Feedback session	
13:00	Lunch	
<b>Laboratory experience</b>		
14:30	Environmental Risk Assessment (ERA) - The EFSA scientific rationale: Problem Formulation, Hazard, Exposure and Risk Characterization	Jeremy Sweet
15:30	Discussion and Feedback session	
15:45	break	
16:15	From the <i>in vitro</i> plant micropropagation up to genetic transformation	Silvia Sabbadini
17:30	End of the day	

### Tuesday 23, June 2015

<b>Biosafety Rules – ECDL ROOM</b>		
8:30	Status GM crops in Europe, regulatory issues and perception	Ine Pertry
10:00	Discussion and Feedback session	
10:30	Break	
<b>Biosafety – Environmental safety</b>		
11:00	DTREEv2 GM crop risk assessment software tool: introduction, demo and exercises	Ine Pertry



13.00	Lunch	
<b>Laboratory experience</b>		
14.30	Introduction to PCR theory and practice	<b>Silvia Sabbadini</b>
16.30	End of the day	

**Wednesday 24, June 2015**

<b>Environmental risk assessment-DIISM ROOM</b>		
9.30	Direct and Indirect Effects, and gene flow consequences	<b>Jeremy Sweet</b>
10.30	Discussion and Feedback session	
10:45	Break	
<b>Food risk assessment</b>		
11:00	Safety Assessment Strategies for GM Food/Feed"- Current Practices and Future Developments	<b>Harry Kuiper</b>
12:00	Discussion and Feedback session	
12:30	Lunch	
<b>Food risk assessment</b>		
14:00	Principles for the Establishment of the Safety and Nutritional Status of Conventional and Novel Foods	<b>Harry Kuiper</b>
15:00	Break	
15.30	Discussion and Feedback session on Environmental and Food risk assessment	<b>Harry Kuiper, Jeremy Sweet</b>
16:30	End of the day	

**Thursday 25, June 2015**

<b>Biosafety rules – DIISM ROOM</b>		
9:30	EU New Biosafety regulations	<b>Claudia Paoletti</b>
10:30	Discussion and Feedback session	
11:00	Break	
<b>Food risk assessment</b>		
11.30	Food and feed safety assessment of GM plants in the EU: legislative frameworks and the role of EFSA	<b>Claudia Paoletti</b>
12:30	Discussion and Feedback session	
13:00	Lunch	

<b>Case study</b>		
<b>14.30</b>	Presentation of the case study and group work	<b>Bruno Mezzetti, Jeremy Sweet, Ine Pertry</b>
<b>17.00</b>	<i>End of the day</i>	

**Friday 26, June 2015**

<b>09:00</b>	<b><i>Final evaluation - UPM E-Biosafety Trainers Written test- DIISM ROOM</i></b>	<b>Bruno Mezzetti</b>
<b>12:30</b>	<i>Lunch</i>	
<b>Final dissertation guideline</b>		
<b>15:00</b>	Introduction to dissertation guidelines and discussion	<b>Bruno Mezzetti</b>
	Discussion and Dissertation topics	<b>Bruno Mezzetti and all the group</b>
	Feedback from the students on the course	
<b>17:30</b>	<i>End of the on campus</i>	

**LIST OF PARTICIPANTS – NOT DEFINITIVE**

	Name	Country	Role
1	Daniele Chignoli	Italy	2015 Ancona E-Biosafety Trainee
2	Ngozi Edoh	Nigeria	2015 Ancona E-Biosafety Trainee
3	Chiedozie Egesi	Nigeria	2015 Ancona E-Biosafety Trainee
4	Mwangala Nalisa	Namibia	2015 Ancona E-Biosafety Trainee
5	Sergio Andres Simonsini	Argentina	2015 Ancona E-Biosafety Trainee
6	Seyi Ebun Adeboye	Nigeria	2014 Ancona E-Biosafety Trainee
7	Hannah Oluwakemi	Nigeria	2014 Ancona E-Biosafety Trainee
8	Harry Kuiper	Netherlands	EFSA – International Faculty

9	Claudia Paoletti	Italy	EFSA - Parma
10	Ine Pertry	Belgium	IPBO-Ghent University
11	Jeremy Sweet	UK	EFSA – International Faculty
12	Bruno Mezzetti	Italy	UPM Coordinator – International Faculty
13	Silvia Sabbadini	Italy	UPM – Post Doc – E-Biosafety Tutor