



 | Ministero degli Affari Esteri



**Second Edition of the
UNIVPM - UNIDO E-Biosafety Master
First week ON CAMPUS**

Ancona, January 28 to February 02, 2008

Program On campus Section I:

- **Welcome to the students**
- **Introduction to the course**
- **Introduction to course materials**
- **Seminars and lectures for the different course modules**
- **Case studies**
- **Group discussion**
- **Social events.**

January 27th 2008 Arrival of the students

Monday 28, January 2008

10.00-11.00	ARRIVAL		
11.00 – 13.00	Course opening. Student introductions: Students are expected to present their background, expectations and experiences with regard to the course (see Annex: List of students)	B. Mezzetti	Informatic Room
14:00 – 15:30	Introduction to agricultural systems and importance of Biotechnology Constraints on crop production	B. Mezzetti J. Gressel,	Room G
15:30 – 16:00	Break		
16:00 – 17:00	Safety assessment of GM foods: general principles and developments	H. Kuiper	Room G
17:00 – 18:00	Moderated discussion. Public perception issues	G. Tzotzos H. Kuiper J. Gressel	Room G
18:00 – 19:00	How handle the BINAS WEB functionalities: real time chat, assignments, discussions etc	G. Tzotzos	Informatic Room

Tuesday 29, January 2008

09:00 – 10:00	Methods for genetic transformation and applications to horticultural crops	B. Mezzetti	Room C
10:00 – 11:00	Regulatory status and outlook for GM crops in Europe: the role of EFSA.	H. Kuiper	Room C
11:00 – 13:00	The Needs for Biotechnologically Derived Herbicide Resistant Crops (BD-HRC)	J. Gressel	Room B
	Break		
14:00 – 15:30	Case study 1. Environmental risk assessment of GMOs	G. Tzotzos	Room A
15:30 – 16:00	Break		
16:00 – 18:00	Abiotic stresses and Biocontrol	J. Gressel	Room A

Wednesday 30, January 2008

09:00 – 11:00	Gene flow containment and mitigation	J. Gressel	Room C
11:00 – 13:00	International regulatory agreements (CBD, WTO)	G. Tzotzos	Room H
12:30 – 14:00	Break		
14:00 – 15:30	Biofuels and concepts of phytoremediation	J. Gressel	Informatic room
15:30 – 16:00	Break		
16:00 – 18:00	Moderated discussion.	J. Gressel G. Tzotzos	Informatic room

Thursday 31, January 2008

09:00 – 13:00	Seminars: Biosafety of plant production: technology, development, innovation, environment and health (See program following)	Faculty Members and International Experts	Room B
	See following the complete program		

Friday 01, February 2008

09:00 – 10:00	Bio-ethics and public perception on GMO	N. Terryn	Room B
10:00 – 11:00	Knowledge transfer and science communication	C. Caporale	Room B
11:00 – 13:00	Case study 1. Discussion and presentation of results	G. Tzotzos,	Informatic Room
	Break		
14:30 – 15:30	GMO risk and benefits evaluation: the need of standardized methods and rules	B. Mezzetti	Room B
15:30 – 16:00	Break		
16:00 – 18:00	Risk source characterisation: genetic construct and ecology	(discussion document)	Room A

Saturday, 02, February 2008

09:00 – 11:00	Students reporting case study results	B. Mezzetti	Room A
11:00 – 12:00	Course evaluation & general discussion	B. Mezzetti	Room A
12:00	End of session	B. Mezzetti	Room A

Thursday 31, January 2008

Seminars on Biotechnology and Biosafety

9.00 OPENING

9,00 – 13,00

Transgenics are imperative for biofuel crops, J. Gressel Weizmann Institute, Israel

Plant for vaccine production, F. Sala, Milan University

Biofortified food, Nancy Terryn, University of Ghent (BE)

Biotechnology for horticultural crops, B. Mezzetti, SAPROV Univpm – Ancona, Italy

Biosafety: from Asilomar to today, G. Tzotzos, UNIDO, Vienna, AU

The CBD and the Italian GMO competent authority, S. Gomes, Minister of Environment

Concepts for the post market environmental monitoring of genetically modified crops, V. Giovannelli, Agency for Environmental Protection and Technical Services Department Nature Protection – GMOs Unit, Rome, Italy

Lunch

14.30 -15.00

UNIDO's South-South Biotechnology Training Network, G. Tzotzos, UNIDO, Vienna, AU. Coordinator of the e-Biosafety International Training Network

The Contribution of UNIVPM to E-Biosafety, B. Mezzetti, SAPROV-UNIVPM, Ancona, IT Coordinator of the e-Biosafety Master at UNIVPM

"ICGEB and biosafety of GMOs".

Giuliano Degrassi, PhD

Bacteriology Group and Biosafety Unit

International Centre for Genetic Engineering and Biotechnology (ICGEB), Trieste - ITALY

15.30 -17.00

Round Table Discussion

Ministry of Research and University (Dr. P. Cascioli, Chairman)

UNIADRION (Prof. Ing. M. Pacetti)

UNIDO (Dr. G. Tzotozos)

ICGEB (Giuliano Degrassi, PhD)

ANNEX: LIST OF STUDENTS

	Name	Country
1	Buregyeya Moses	Uganda
2	Mwaka Henry	Uganda
3	Tindamanyre Jimmy Moses	Uganda
4	Nzaire Doreen Otim	Uganda
5	NasrEldin Mustafa Hussan	Sudan
6	Dahmani Khaled	Libyan
7	M. Khalifa Nagimoh A.	Libyan
8	Boccia Priscilla	Italy,
9	Caboni Emilia	Italy
10	Grimaldi Iaria Maria	Italy,
11	Piccinini Claudio	Italy
12	Lozan Angela	Moldova Republic
13	O'Neill John	Ireland
14	Araya – Quesada Marianela	Costa Rica
15	Wright Maria	Columbia USA

International Faculty and experts:

G. Tzozos, UNIDO, Vienna, AU

H. Kuiper, EFSA GMO Panel, RIKILT - Institute of Food Safety, Wageningen University and Research Centre, Wageningen, NL

J. Gressel Weizmanm Institute, Israel

N. Terryn University of Ghent

F. Sala, Milan University

**I. Pannone, – DG Promotion and Cultural Cooperation – Ministry of Foreign Affairs
International scientific and technological cooperation**

S. Gomes, Minister of Environment

**V. Giovannelli, Agency for Environmental Protection and Technical Services Department
Nature Protection – GMOs Unit, Rome, Italy**

B. Mezzetti, SAPROV – UNIVPM, Local Coordinator