

# 1<sup>st</sup> COST IPLANTA TRAINING SCHOOL

**CA15223**

**“Modifying plants to produce interfering RNA”**

**ANCONA (IT)**

**20-22 June 2017**



## PROGRAM 1<sup>st</sup> COST IPLANTA TRAINING SCHOOL - CA15223 “Modifying plants to produce interfering RNA”

**Ancona, 20-22 June, 2017**

**Tuesday 20 June, 2017 – ROOM 140/4**

**COST Action CA15223 “Modifying plants to produce interfering RNA” Training School**

9:00	Registration and Welcome	<b>Bruno Mezzetti</b>
9:30	RNAi: Mechanisms and biotechnological applications in plants	<b>Silvia Sabbadini</b>
10:30	Break	
11:00	Introduction and activity of RNAi in plants and insects	<b>Olivier Christiaens</b>
12:30	Lunch	
13:30	Environmental Risk Assessment (ERA) - The EFSA scientific rationale	<b>Jeremy Sweet</b>
14:45	Break	
15:00	Non-Target interactions of GM and RNAi plants: risk assessment and risk management	<b>Salvatore Arpaia</b>
16:00	Discussion	
17:00	End of Session	

**Wednesday 21, June 2017 – ROOM 140/4**

**COST Action CA15223 “Modifying plants to produce interfering RNA” Training School**

9:00	Bioinformatics, Off targets, other hazards of RNAi	<b>Olivier Christiaens</b>
10:00	Break	
10:30	Food Safety Assessment of RNAi-derived Food/Feed general principles of the assessment	<b>Harry Kuiper</b>
12:00	Case studies : Food safety assessment EFSA Opinions RNAi food products and others	<b>Claudia Paoletti</b>
13:00	Lunch	
14:00	Case study : Student presentations and discussion	<b>Harry Kuiper</b> <b>Claudia Paoletti</b>
15:15	Break	

### **Practical and Demonstration Session**

15:30	Laboratory training on plant biotechnology	<b>Silvia Sabbadini</b>
17:30	End of Session	

**Thursday 22 June 2017 – ROOM 140/2**

**COST Action CA15223 “Modifying plants to produce interfering RNA” Training School**

9.00	Case Study: Smart Stax maize: Environmental Risk Assessment	<b>Olivier Christiaens Jeremy Sweet Salvatore Arpaia</b>
12:00	Student Presentations and Discussion	
13:00	Lunch	
14.00	Laboratory Exercise /Demo: Methods for study of interference in arthropods	<b>Olivier Christiaens Salvatore Arpaia</b>
17.00	Review of iPlanta Training School	<b>All Trainers</b>
17.30	End of iPlanta Training School	

#### LIST OF TRAINERS

	Name	Country	Role
1	Salvatore Arpaia	Italy	ENEA
2	Harry Kuiper	Netherlands	EFSA – UPM International Faculty
3	Claudia Paoletti	Italy	EFSA – Parma
4	Olivier Christiaens	Belgium	Ghent University
5	Jeremy Sweet	UK	EFSA – UPM International Faculty
6	Bruno Mezzetti	Italy	UPM Coordinator – International Faculty
7	Silvia Sabbadini	Italy	UPM – E-Biosafety Tutor