

DAY 2 – THURSDAY, FEBRUARY 16TH, 2017

IPLANTA CONFERENCE
SAPIENZA UNIVERSITY, ROOM – AULA MONTALENTI,

8:30 WELCOME & OPENING ADDRESS: BRUNO MEZZETTI AND GILBERTO CORBELLINI (10 mins)

8:45 to 18:00 - Conference Joint Meeting organized in 5 sessions, one for WG, of 90 min each. Each session will contain one Lecture of 30 min and 3 presentations and discussion each of 15 min.

SESSION 1 - RNAi Technology (WG1) CHAIRPERSONS GUY SMAGGHE AND MICHEL RAVELONANDRO

AUTHORS	ORAL PRESENTATION	
S. AVNET, A. MASSA, N. BALDINI	FRUIT-DERIVED NANOVESICLES AS CARRIER OF mRNAs, MICRORNAs AND BIOACTIVE COMPOUNDS WITH EFFECTS ON BONE HEALTH	30 min
O. CHRISTIAENS, G. SMAGGHE	THE CHALLENGES OF RNAI-MEDIATED INSECT PEST CONTROL AND THE SEARCH FOR NOVEL DELIVERY METHODS	15 min
K. PERSSON-HODÉN, J. FOGELQVIST, A. ÅSMAN, C. DIXELIUS	EXPLOITING RNA BIOLOGY TO REDUCE THE LATE BLIGHT DISEASE ON POTATO	15 min
M. RAVELONANDRO, R. SCORZA, I. ZAGRAI, C. DARDICK, A. CALLAHAN, L. ZAGRAI, P. BRIARD	INDUCING RNAI MECHANISMS AS A WAY OF TACKLING OF THE PLUM POX VIRUS GENOME IN WOODY PERENNIAL PLANTS	15 min

10:00

SESSION 2 – RNAi Applications (WG2) CHAIRPERSONS HELY HÄGGMAN

AUTHORS	ORAL PRESENTATION	
H. HÄGGMAN, M. FLADUNG	RNAI IN FOREST TREES	30 min
M. GUIDARELLI, S. SABBADINI, F. NEGRINI, B. MEZZETTI, E. BARALDI	CHARACTERIZATION OF THE ROLE OF A LECTIN GENE IN THE SUSCEPTIBILITY OF STRAWBERRY FRUITS TO COLLETOTRICHUM ACUTATUM	15 min
H. VANDERSCHUREN	RESISTANCE OF CASSAVA EXPRESSING dsRNAs AGAINST CODING SEQUENCES OF GEMINIVIRUSES	15 min
J. VONTAS, E. PITSILI, N. KRYOVRISINAKI, I. MOUSTAKA, A. SANDRI, E. MOROU, E. SIOZOU, RIGA M., RODITAKIS E., VAN LEEUWEN T., D'AMBROSIO C., KALANTIDIS K.	PLANT MEDIATED RNA INTERFERENCE (RNAi) TO BLOCK P450 BASED DETOXIFICATION OF INSECTICIDES AND PLANT ALLELOCHEMICALS IN AGRICULTURAL PESTS	15 min

11:15 - 11:30 Coffee break

SESSION 3 – RNAi biosafety (WG3) CHAIRPERSONS SALVATORE ARPAIA AND ANTJE DIETZ-PFEILSTETTER

AUTHORS	ORAL PRESENTATION	
N. PAPAPOULOU, F. ALVAREZ, Y. DEVOS, A.	RISK ASSESSMENT OF RNAi-BASED GM PLANTS	30 min

LANZONI, C. PAOLETTI, M. RAMON, E. WAIGMANN		
I. URRU, J.B. SWEET, A. DIETZ-PFEILSTETTER, S. ARPAIA	POSSIBLE ENVIRONMENTAL EFFECTS OF RNAi-BASED GM PLANTS	15 min
O. CHRISTIAENS, G. SMAGGHE	RNAi-BASED PEST CONTROL: CURRENT UNDERSTANDINGS IN TERMS OF ENVIRONMENTAL SAFETY AND NON-TARGET EFFECTS	15 min
HARRY A. KUIPER AND ESTHER J. KOK	FOOD SAFETY ASSESSMENT STRATEGIES FOR CROP PLANTS DERIVED THROUGH RNAi – MEDIATED GENE SILENCING	15 min

13:00- 14:30 Lunch

SESSION 4 - RNAi socio-economy (WG4) CHAIRPERSONS JUSTUS WESSELER AND KONSTANTINOS KARANTININIS

AUTHORS	ORAL PRESENTATION	
J. WESSELER	ASSESSING SOCIO-ECONOMIC IMPACTS OF GMP RNAi-TECHNOLOGIES: CONCEPTS AND METHODS	30 min
K. KARANTININIS, S. CHATZOPOULOU	THE POLITICAL ECONOMY OF THE EUROPEAN AGRIFOOD CHAIN	15 min
T. J. VENUS, D. DRABIK, J. WESSELER	REGULATION OF NEW PLANT BREEDING TECHNIQUES: THE CASE OF RAPESEED IN THE EU	15 min
V. VENTURA, D. FRISIO	NATURALLY GM: THE DEVELOPMENT OF NEW BREEDING TECHNIQUES THROUGH PATENT DATA ANALYSIS	15 min

SESSION 5 - RNAi Communication and public acceptance (WG5) - CHAIRPERSONS HILDEGUNN OPSAHL-SORTEBERG AND MATINA TSALAVOUTA

G. CARRADA	THE OPPORTUNITY OF A FRESH START	30 min
E. MULLINS	COMMUNICATING TO ADDRESS PERCEPTIONS AROUND PLANT BREEDING TECHNOLOGIES: EXPERIENCES FROM THE AMIGA GM STUDY ON POTATO ENGINEERED FOR LATE BLIGHT RESISTANCE	15 min
H-G. OPSAHL SORTEBERG	NEW SCIENCE DISSEMINATION OPPORTUNITIES ON FACEBOOK PLATFORMS	15 min
MATINA TSALAVOUTA	A TALE OF TWO TRIALS: COMMUNICATING RECENT RESEARCH ON GM CROPS AT ROTHAMSTED RESEARCH	15 min

17:00- 18:00 General Discussion

20.30 Conference Dinner