

# NOVA RNAi workshop – 11-15<sup>th</sup> December 2017

## Draft timetable

Monday 11 <sup>th</sup> December		
09.00-09.50	Introduction to the course. Including ice-breaking session.	HH
09.50-10.40	Overview, discovery, potential of RNAi	ME
10.40-11.10	Break	
11.10-12.00	Molecular basis and principles of RNAi.	AG
12.00-13.30	Lunch	
13.30-14.30	<b>Laboratory class – Suppression of nematode genes by exogenous RNAi</b>	ME
14.30-15.30		
15.30-16.30		
Tuesday 12 <sup>th</sup> December		
09.00-09.50	RNAi for control of gene expression in plants	AG
09.50-10.40	Food security, wastage, pesticides and herbicides,	ME
10.40-11.10	Break	
11.10-12.00	Engineer transgenic crops for RNAi expression.	AG
12.00-13.30	Lunch	
13.30-14.30	<b>Student presentations – introduction, preparation, breakout groups.</b>	HH
14.30-15.30		ME
15.30-16.30		
Wednesday 13 <sup>th</sup> December		
09.00-09.50	IPM and Novel control strategies for insect control.	AG
09.50-10.40	RNAi in insects.	AG
10.40-11.10	Break	
11.10-12.00	RNAi in insects continued	AG
12.00-13.30	Lunch	
13.30-14.30	Basics of trap cropping	HH
14.30-16.30	Exercise: trap cropping as a delivery platform for RNAi-based target control of the pollen beetle. Why would trap cropping in combination with RNAi work better than with pesticides?	IMH
Thursday 14 <sup>th</sup> December		
09.00-09.50	RNAi in crops for control of insect pests.	ME
09.50-10.40	Bacterial mediated RNAi	AG
10.40-11.10	Break	
11.10-12.00	Determining the success of RNAi.	AG
12.00-13.30	Lunch	
13.30-14.30	<b>Laboratory class – results and discussions</b>	ME
14.30-15.30		
15.30-17.00	Get together	

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Friday 15 <sup>th</sup> December		
09.00-09.50	Global uptake of GM crops. Perspective from the EU	HH
09.50-11.10	Microbiological safety assessment: regulatory science and policy issues regarding beneficial micro-organisms. Exercise and “question-answer” session	IS
11.20-12.00	Commercialisation and product development aspects	IS
12.00-13.30	Lunch	
13.30-14.30	<b>Student presentations</b>	HH
14.30-15.30		IMH
15.30-16.30	Course evaluation and close.	IMH

### Contributors;

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