

Programme Wednesday, June 4th

08:00 – 09:00: Opening of registration

09:00 – 09:10: Welcoming address – **Per Bergman**

Plenary session 1 – The molecular biology of RNAi (Chair: Elisabeth Waigmann)

09:15 – 10:10: Introducing double-stranded RNA into cells: an introduction – **Andrew Fire**

10:10 – 10:50: Plant RNAi mechanisms: lessons from silent transgenes – **Hervé Vaucheret**

10:50 – 11:20: *Coffee break*

11:20 – 12:00: Regulation of microRNA biogenesis and function – **Gunter Meister**

12:00 – 12:40: RNAi in insects – **Xavier Bellés**

12:40 – 13:40: *Lunch break*

Plenary session 2 – RNAi-based GM plant applications (Chair: Lieve Herman)

13:45 – 14:20: Overview on current and future RNAi applications – **Tamas Dalmay**

14:20 – 14:50: Global risk assessment considerations for *in planta* RNAi-mediated control of insect pests – **Christina Lawrence**

14:50 – 15:20: Dietary nutritional assessment of soybeans with a modified fatty acid profile as an example of *in planta* metabolic pathway changes – **Mary Locke**

15:20 – 15:50: The practical application of RNAi technology to provide safe, effective, and durable resistance to Sharka disease caused by *Plum pox virus* – **Ralph Scorza**

15:50 – 16:20: *Coffee break*

Plenary session 3 – Risk assessment considerations (Chair: Christoph Tebbe)

16:20 – 16:50: Cross-kingdom regulation by plant miRNA in rice – **Chen-Yu Zhang**

16:50 – 17:20: Risk assessment considerations for foods derived from RNAi-based GM plants – **Lisa Kelly**

17:20 – 17:50: Considerations for risk assessment procedures of RNAi-based crops – **Jonathan Lundgren**

17:50 – 18:20: RNAi as plant-incorporated protectant: potential for off-target regulation in mammals – **Kenneth Witwer**

18:30 – 20:30: *Standing reception cocktail*

Programme Thursday, June 5th

Plenary session 4 – Case study

08:30 – 09:00: Introduction to the case study – **Hans Bergmans**

Parallel break-out sessions

09:15 – 11:30: Break-out session 1 – Molecular characterisation (**Chair: Patrick du Jardin**)

09:15 – 11:30: Break-out session 2 – Food/feed safety assessment (**Chair: Hanspeter Naegeli**)

09:15 – 11:30: Break-out session 3 – Environmental risk assessment (**Chair: Salvatore Arpaia**)

11:30 – 12:00: Coffee break

Plenary session 5 – Concluding remarks

12:00 – 12:45: Reporting on the break-out sessions – **EFSA/chairs**

12:45 – 13:25: General discussion – **Hans Bergmans**

13:25 – 13:30: Closing of the workshop – **Elisabeth Waigmann**