



COMREC

Final Meeting and Research Dissemination Conference Combining LoLa Summer Workshop

Wednesday 10th – Thursday 11th May 2017

NIAB Innovation Farm, Cambridge

Wednesday 10 th May 2017		
Time	Title	Presenter
08.30	Tea and Coffee available	
09.00	Welcome	Dr Lydia Smith - NIAB
09.05	Project Progress Report	Professor Chris Franklin - <i>UoB</i>
09.30	ESR representatives feedback	
09.30	<ul style="list-style-type: none">Gunjita Singh - <i>CNRS</i>	
09.35	<ul style="list-style-type: none">Mateusz Zelkowski - <i>IPK</i>	
09.40	<ul style="list-style-type: none">Amy Whitbread - <i>KIT</i>	
09.45	ESR progress presentations	COMREC ESRs
09.45	<ul style="list-style-type: none">Research Training Project 1: (also addressing WP4) Characterization of crossover hotspots in Arabidopsis and wheat.	ESR Divya Nageswaran - <i>UoC</i>
10.10	<ul style="list-style-type: none">Research Training Project 2: Generation and analysis of an artificial “cold-spot” of meiotic recombination	ESR Jason Sims - <i>UoV</i>

10.35	<ul style="list-style-type: none"> • Research Training Project 3: Defining recombination hotspots in tomato 	ESR Jihed Chouaref - UoA
11.00	Tea & coffee available	
11.20	<ul style="list-style-type: none"> • Research Training Project 4: (also addressing WP4) Control of meiotic recombination during the diploidisation of autopolyploids 	ESR Pablo Parra - UCM
11.45	<ul style="list-style-type: none"> • Research Training Project 5: Control of meiotic entry and progression 	ESR Maria Ada Prusicki - UoH
12.10	<ul style="list-style-type: none"> • Research Training Project 6: (also addressing WP2) Roles of recombination proteins in meiotic pairing and synapsis of specific chromosomal regions in Arabidopsis 	ESR Gunjita Singh – CNRS
12.35	<ul style="list-style-type: none"> • Research Training Project 7: (<i>also addressing WP4</i>) Chromosome axis organisation in relation to the coordination of meiotic recombination 	ESR Marina Martinez Garcia - UoB
13.00	Lunch	
14.00	<ul style="list-style-type: none"> • Research Training Project 8: How does meiosis work in species with holocentric chromosomes? 	ESR Mateusz Zelkowski - IPK
14.25	<ul style="list-style-type: none"> • Research Training Project 9: (also addressing WP3): Influence of temperature on CO formation in barley 	ESR Mikel Arrieta - JHI
14.50	<ul style="list-style-type: none"> • Research Training Project 10: Understanding factors affecting CO variation in oilseed rape (<i>Brassica napus</i>) 	ESR Adrián Gonzalo - INRA
15.15	<ul style="list-style-type: none"> • Research Training Project 11: (also addressing WP3) Modifying meiotic recombination in tomato 	ESR Amy Whitbread - KIT
15.40	<ul style="list-style-type: none"> • Research Training Project 12: Development of cytogenetic tools for advancing breeding 	ESR Vanesa Calvo - UoW
16.05	Tea and coffee available	

16.20	<ul style="list-style-type: none"> Research Training Project 13: (also addressing WP2) Bioinformatic analyses of meiotic recombination in tomato hybrids and related species 	ESR Sevgin Demirci - <i>UoW</i>
16.45	Final Reporting & Life After COMREC	
17.15	Management meeting	
17.15	Overview of COMREC- achievements & future collaborations	
18.15	Meeting Close	
20.00	COMREC dinner	

Thursday 11th May 2017
Research Dissemination Conference & LoLa Summer Workshop

Time	Title	Presenter
09.30	Tea & coffee available	
10.00	Welcome & introduction	Professor Keith Edwards – University of Bristol
10.10	Introduction to the COMREC project	Professor Chris Franklin - UoB
10.20	Plant breeding: what is meiosis & why it is important to plant breeding	Nicola Kettles - Research Scientist KWS
10.40	Meiosis in detail - Introduction to the control points in meiosis	Kim Osman – University of Birmingham
11.00	How do you make a non-GMO mutant plant - tilling with advantages and disadvantages	James Simmonds – John Innes Centre
11.20	Tea & coffee available	
11.40	The revolution that is gene editing	Keith Edwards – University of Bristol
12.00	How to put it all together to modify meiosis and recombination	Stuart Desjardins – University of Leicester
12.20	A synthetic biology approach to modify recombination	Wei Jiang – University of Cambridge
12.40	Discussion, questions & answers and ethical considerations	
13.00	Lunch & Poster Session	
14.00	Tour of NIAB greenhouses and field trials	
15.30	Session close	