

### **COMREC**

#### Inaugural Meeting & Workshop on Recombination/Plant Breeding

### Tuesday 8<sup>th</sup> - Thursday 10<sup>th</sup> July 2014

The Nicholson Building, Winterbourne House & Gardens, University of Birmingham

Tuesday 8 <sup>th</sup> July 2014 – <u>Inaugural Meeting</u>				
Time	Title	Presenter		
9.00am	Tea & coffee available			
9.30am	Welcome & introductions	Led by Professor Chris Franklin - University of Birmingham		
9.40am	Overview & rationale of COMREC project	Professor Chris Franklin - UoB		
10.00am	Workpackage overviews led by workpackage leaders			
10.00am	WP1: Training	Professor Chris Franklin - <i>UoB</i>		
10.20am	WP2: Influence of the chromatin landscape on CO distribution	Dr. Peter Schloegelhofer - UoV		
10.40am	<ul> <li>WP2/WP4 Project: Characterization of crossover hotspots in Arabidopsis and wheat</li> </ul>	ESR Divyashree Coimbatore Nageswaran - UoC		
10.50am	WP2 Project: Generation and analysis of an artificial "cold-spot" of meiotic recombination	ESR Jason Sims - <i>UoV</i>		
11.00am	WP2/WP3/WP4 Project: Defining recombination hotspots in tomato	ESR Jihed Chouaref - <i>UoA</i>		
11.10am	WP4/WP2 Project: Bioinformatic analyses of meiotic recombination in tomato hybrids and related species	ESR Shaman Narayanasamy - <i>UoW</i>		
11.20am	Tea & coffee available			
11.40am	WP3: Coordination meiotic progression and CO control	Dr Andreas Houben - Leibniz Institute of Plant Genetics and Crop Plant Research (IPK)		

12.00pm	<ul> <li>WP3/WP4 Project: Control of meiotic recombination during the diploidisation of autopolyploids</li> </ul>	ESR Pablo Parra - UCM
12.10pm	<ul> <li>WP3 Project: Control of meiotic entry and progression</li> </ul>	ESR Maria Ada Prusicki - UoH
12.20pm	<ul> <li>WP3/WP2 Project: Roles of recombination proteins in meiotic pairing and synapsis of specific chromosomal regions in Arabidopsis.</li> </ul>	ESR Gunjita Singh – CNRS
12.30pm	<ul> <li>WP3/WP4 Project: Chromosome axis organisation in relation to the coordination of meiotic recombination</li> </ul>	ESR Marina Martinez Garcia - UoB
12.40pm	<ul> <li>WP3 Project: How does meiosis work in species with holocentric chromosomes?</li> </ul>	ESR Mateusz Zelkowski - IPK
12.50pm	Lunch	
2.00pm	<ul> <li>WP4: Manipulating meiotic recombination in crops</li> </ul>	Professor Hans De Jong - UoW
2.20pm	<ul> <li>WP4/WP3 Project: Influence of temperature on CO formation in barley</li> </ul>	Dr Luke Ramsay - JHI
2.30pm	<ul> <li>WP4 Project: Understanding factors affecting CO variation in oilseed rape (Brassica napus)</li> </ul>	ESR Adrián Gonzalo - INRA
2.40pm	<ul> <li>WP4/WP3 Project: Modifying meiotic recombination in tomato</li> </ul>	ESR Amy Whitbread - KIT
2.50pm	WP5: Dissemination and outreach	Dr Lydia Smith - <i>Head of Innovation Farm NIAB</i>
3.30pm	WP6: Management	Caroline Marshall - <i>UoB</i>
3.40pm	Tea & coffee available	
4.00pm	Plant Breeders Forum: interests and outcomes from COMREC	Steve Barnes - SESVanderHave
4.45pm	Meeting concludes	
7.00pm	Meet for dinner	
7.30pm	COMREC Inaugural Dinner	Brown's, Birmingham

# Tuesday 8<sup>th</sup> - Thursday 10<sup>th</sup> July 2014

#### Workshop on Recombination/Plant Breeding

The Nicholson Building, Winterbourne House & Gardens, University of Birmingham

Wednesday 9 <sup>th</sup> July – Workshop on Recombination/Plant Breeding				
Time	Title	Presenter		
9.30am	Tea & coffee available			
10.00am		Professor Frank Hartung - Julius Kühn- Institut		
10.30am		Dr Sander Peters - UoW		
11.00am		Dr Charles White - CNRS		
11.30am		Dr Paul Franz - UoA		
12.00pm	Lunch			
1.00pm		Professor Wojtek Pawlowski - Cornell University		
1.30pm		Dr Eric Jenczewski - INRA		
2.00pm		Dr Eugenio Sanchez-Moran - UoB		
2.30pm	Tea & coffee available			
3.00pm	Visit to the Think Tank, Birmingham			
5.30pm	Meeting concludes			
7.30pm	Meet for dinner			



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## Thursday 10<sup>th</sup> July 2014

The Think Tank, Birmingham

Thursday 10 <sup>th</sup> Outreach & Event Planning				
Time	Title	Presenter		
9.30am	Tea & coffee available			
10.00am	Outreach Planning	Dr Eugenio Sanchez-Moran – UoB, Dr Kenny Webster – The Think Tank		
12.00pm	Lunch			
1.00pm	Meeting concludes			