

Programme for the UKBRC meeting at WHRI, Wellesbourne

21st May 2008



10:00: Arrive – Tea and coffee

10:30 to 12:30: Morning session – Research group updates (5 MIN TALKS INCLUDING TIME FOR QUESTIONS)

David Pink (WHRI) – Chair	Welcome
1. Emma Skipper (WHRI)	Investigating the Genetic Control of Quality Traits in Broccoli
2. Colin Morgan (JIC)	Update on the <i>Brassica napus</i> architecture projects
3. Steve Jackson (WHRI)	The control of juvenility
4. Paul Hand (WHRI)	<i>Xanthomonas</i> resistance
5. Emily Boys (RRES)	Resistance to <i>Pyrenopeziza brassicae</i> (light leaf spot) in <i>Brassica napus</i>
6. Simon Atkins (RRES)	Detection and quantification of sclerotinia on oil seed rape
7. John Walsh (WHRI)	Virus diseases of brassicas
8. Sally Hilton (WHRI)	Microbial populations associated with yield decline in continuous oilseed rape
9. Guy Barker (WHRI)	Exploiting <i>Brassica</i> diversity for novel uses
10. Pat Heslop-Harrison (Leicester)	<i>Brassica</i> repetitive elements
11. Stephen Amoah (RRES)	Studying DNA methylation variation in the reference <i>B. rapa</i> line R-O-18
12. Artem Pankin (WHRI)	SCAR markers for the B genome
13. Tom Wood (JIC)	A Genetic Approach towards Modulating Unsynchronised Pod Shatter in <i>Brassica napus</i>
14. Smita Kurup (RRES)	Modulating Seed Size in <i>Brassica</i>
15. Karl Morris (WHRI)	Genetic Analysis of Seed Vigour in <i>Brassica oleracea</i>
16. Andrew Smooker (JIC)	The identification and molecular mapping of major candidate genes and QTL involved in the fatty acid desaturation pathway in <i>Brassica napus</i>
17. Peter Eastmond (WHRI)	Blocking storage oil breakdown during seed desiccation as a strategy to Increase yield
18. Andrew Thompson (WHRI)	Genetics of water use efficiency in <i>Brassica oleracea</i>
19. Martin Broadley (Nottingham)	Biofortifying <i>Brassica</i> with calcium and magnesium
20. Seosamh Ó Lochlainn (Nottingham)	Natural genetic variation in zinc accumulation in Brassicaceae species
21. Graham Teakle (WHRI)	Nitrogen use efficiency in oilseed rape
22. Richard Mithen (IFR)	Progress with elucidating health benefits of <i>Brassica</i> vegetables and glucosinolates

12:30 to 13:45: Lunch provided

13:00: Optional tour of our facilities for those interested

13:45 to 15:30: Afternoon session – Resource updates

Guy Barker (WHRI) – Chair	Reconvene
23. Graham King (RRES)	Overview of OREGIN and AdVaB (15 mins)
24. Graham Teakle (WHRI)	Genetic resources and map integration (5 mins)
25. David Pink (WHRI)	Developing a C genome diversity set (5 mins)
26. Pierre Carion (RRES)	Data Curation & Web Developments (15 mins)
27. Pauline Stephenson (JIC)	Initiatives in <i>Brassica rapa</i> RO-18 resource development (15 mins)
28. Ian Bancroft (JIC)	Update on the <i>B. rapa</i> genome sequencing project (15 mins)

General discussion

3:30: Meeting close and depart – Tea and coffee available