

## UK Brassica Research community annual meeting

May 9th 2018

Rothamsted Research

**10:30 Arrival and tea / coffee** – Plaza, Rothamsted conference centre

**11:00 Welcome.** Fowden Hall, Rothamsted conference centre

Freddie Theodoulou                      Overview of Rothamsted's Tailoring Plant Metabolism  
Strategic Programme

**11:15 Research Community brief updates** (5 min talks including 1 or 2 questions)

Lenka Havlickova (York)	An updated Associative Transcriptomics platform for <i>Brassica napus</i>
Thomas Alcock (Nottingham)	Nutrient uptake in <i>Brassica napus</i>
Aoife Sweeney (York)	Investigating the genetic basis of micronutrient efficiency in <i>Brassica napus</i>
Varanya Kittipol (York)	Investigating the genetic basis of glucosinolate variability in <i>Brassica napus</i>
Mikhaela Neequaye (Quadram)	Using novel broccoli lines to understand glucosinolate production and sulphur metabolism
Richard Broughton (Rothamsted)	Improving phytosterol content and composition in <i>Brassica napus</i> oil
Harjeevan Kaur (York)	Development of high erucic, low polyunsaturate (HELP) rapeseed
Natalia Stawniak (York)	Early vigour responses of <i>Brassica napus</i> diversity panel to seed treatments.
Jia Liu (York)	Genetic analysis for pod shatter resistance in <i>Brassica napus</i> L.
Roxana Teodor (York)	Associative Transcriptomics for the OREGIN project.
Jon West (Rothamsted)	Combatting the stealthy pathogen: <i>Pyrenopeziza</i>
Yongju Huang (Hertfordshire)	Ignored fungal pathogen sibling – <i>Leptosphaeria biglobosa</i>
Henri Stotz (Hertfordshire)	Differences in interactions of <i>Brassica napus</i> with two <i>Leptosphaeria</i> species
Joana Vicente (Warwick)	White blister rust of mustards
Abraham Gomez-Gutierrez (JIC)	Downy Mildew in Baby Leaf Kale
Henk-jan Schonbeek (JIC)	Variation in PAMP responses in 6 Brassica species
Pat Heslop-Harrison (Leicester)	Brassica chromosome identification and homologies using massive oligonucleotide pools

Graham Teakle (Warwick)

Biological crop protection: a new 'slow down/speed up' strategy for aphid management

**1:00 Lunch, provided by Oregin.** Plant Sciences Foyer

**2:00 Community grant / resources updates.** Fowden Hall

Jennifer Swarbrick (BBSRC, SO)

BBSRC Strategy and Funding Opportunities

Steve Penfield (JIC)

Statistical modelling of WOSR Recommended List trials and the search for yield stability.

Ian Bancroft (York)

Update on OREGIN and the RIPR radiation mutagenesis panel

Guy Barker (Warwick)

Update on VeGIN

**General discussion, including UKBRC representatives election**

**3:30 Coffee / tea Plant Sciences Foyer**

## Participants

<b>Title</b>	<b>First name</b>	<b>Surname</b>	<b>Affiliation</b>	<b>email</b>
Dr	Jennifer	Swarbrick	BBSRC, SO	<a href="mailto:Jennifer.Swarbrick@bbsrc.ac.uk">Jennifer.Swarbrick@bbsrc.ac.uk</a>
Mr	Sujit	Tha	CN Seeds Ltd	<a href="mailto:Sujit.tha@cnseeds.co.uk">Sujit.tha@cnseeds.co.uk</a>
Dr	Martin	Cannell	DEFRA	<a href="mailto:martin.cannell@defra.gsi.gov.uk">martin.cannell@defra.gsi.gov.uk</a>
Mr	Mark	Nightingale	Elsoms Seeds Ltd.	<a href="mailto:mark.nightingale@elsoms.com">mark.nightingale@elsoms.com</a>
Dr	Richard	Tudor	Elsoms Seeds Ltd.	<a href="mailto:richard.tudor@elsoms.com">richard.tudor@elsoms.com</a>
Ms	Ajisa	Ali	University of Hertfordshire	
Ms	Heather	Fell	University of Hertfordshire	<a href="mailto:h.fell@herts.ac.uk">h.fell@herts.ac.uk</a>
Mr	James	Fortune	University of Hertfordshire	<a href="mailto:j.fortune@herts.ac.uk">j.fortune@herts.ac.uk</a>
Dr	Yongju	Huang	University of Hertfordshire	<a href="mailto:y.huang8@herts.ac.uk">y.huang8@herts.ac.uk</a>
Dr	Henrik	Stotz	University of Hertfordshire	<a href="mailto:h.stotz@herts.ac.uk">h.stotz@herts.ac.uk</a>
Ms	Rachel	Burns	JIC	<a href="mailto:rachel.burns@jic.ac.uk">rachel.burns@jic.ac.uk</a>
Dr	Alexander	Calderwood	JIC	<a href="mailto:alexander.calderwood@jic.ac.uk">alexander.calderwood@jic.ac.uk</a>
Dr	Xiaochao	Chen	JIC	<a href="mailto:Xiaochao.Chen@jic.ac.uk">Xiaochao.Chen@jic.ac.uk</a>
Mr	Abraham	Gomez-Gutierrez	JIC	
Ms	Junyan	Huang	JIC	
Ms	Jessica	Hughes	JIC	<a href="mailto:jessica.Hughes@jic.ac.uk">jessica.Hughes@jic.ac.uk</a>
Dr	Guangyuan	Lu	JIC	<a href="mailto:guangyuan.lu@jic.ac.uk">guangyuan.lu@jic.ac.uk</a>
Mr	Xiang	Lu	JIC	
Ms	Carmel	o'Neill	JIC	<a href="mailto:carmel.o'neill@jic.ac.uk">carmel.o'neill@jic.ac.uk</a>
Prof.	Lars	Ostergaard	JIC	<a href="mailto:Lars.Ostergaard@jic.ac.uk">Lars.Ostergaard@jic.ac.uk</a>
Dr	Steve	Penfield	JIC	<a href="mailto:steven.penfield@jic.ac.uk">steven.penfield@jic.ac.uk</a>
Dr	Chris	Ridout	JIC	<a href="mailto:christopher.ridout@jic.ac.uk">christopher.ridout@jic.ac.uk</a>
Dr	Henk-jan	Schoonbeek	JIC	<a href="mailto:henk-jan.schoonbeek@jic.ac.uk">henk-jan.schoonbeek@jic.ac.uk</a>
Dr	Rachel	Wells	JIC	<a href="mailto:rachel.wells@jic.ac.uk">rachel.wells@jic.ac.uk</a>
Dr	Matthew	Nelson	Kew	<a href="mailto:M.Nelson@kew.org">M.Nelson@kew.org</a>
Prof.	Pat	Heslop-Harrison	University of Leicester	<a href="mailto:phh4@leicester.ac.uk">phh4@leicester.ac.uk</a>
Dr	Trude	Schwarzacher	University of Leicester	<a href="mailto:ts32@leicester.ac.uk">ts32@leicester.ac.uk</a>
Mr	Thomas	Alcock	University of Nottingham	<a href="mailto:Thomas.Alcock@nottingham.ac.uk">Thomas.Alcock@nottingham.ac.uk</a>
Ms	Alexandra	Batchelor	University of Nottingham	<a href="mailto:Alexandra.Batchelor@nottingham.ac.uk">Alexandra.Batchelor@nottingham.ac.uk</a>
Dr	Alison	Ferguson	University of Nottingham	<a href="mailto:Alison.Tidy@nottingham.ac.uk">Alison.Tidy@nottingham.ac.uk</a>
Dr	Neil	Graham	University of Nottingham	<a href="mailto:Neil.Graham@nottingham.ac.uk">Neil.Graham@nottingham.ac.uk</a>
Dr	Ute	Voß	University of Nottingham	<a href="mailto:Ute.Voss@nottingham.ac.uk">Ute.Voss@nottingham.ac.uk</a>
Ms	Mikhaela	Neequaye	Quadram Institute	<a href="mailto:Mikhaela.Neequaye@quadram.ac.uk">Mikhaela.Neequaye@quadram.ac.uk</a>
Dr	Fred	Beaudoin	Rothamsted Research	<a href="mailto:frederic.beaudoin@rothamsted.ac.uk">frederic.beaudoin@rothamsted.ac.uk</a>
Dr	Richard	Broughton	Rothamsted Research	<a href="mailto:richard.broughton@rothamsted.ac.uk">richard.broughton@rothamsted.ac.uk</a>
Dr	Sam	Cook	Rothamsted Research	<a href="mailto:sam.cook@rothamsted.ac.uk">sam.cook@rothamsted.ac.uk</a>
Dr	Peter	Eastmond	Rothamsted Research	<a href="mailto:peter.eastmond@rothamsted.ac.uk">peter.eastmond@rothamsted.ac.uk</a>

Dr	Richard	Haslam	Rothamsted Research	<a href="mailto:richard.haslam@rothamsted.ac.uk">richard.haslam@rothamsted.ac.uk</a>
Dr	Smita	Kurup	Rothamsted Research	<a href="mailto:smita.kurup@rothamsted.ac.uk">smita.kurup@rothamsted.ac.uk</a>
Prof.	Johnathan	Napier	Rothamsted Research	<a href="mailto:Johnathan.napier@rothamsted.ac.uk">Johnathan.napier@rothamsted.ac.uk</a>
Dr	Laura	Siles-Suarez	Rothamsted Research	<a href="mailto:laura.siles-suarez@rothamsted.ac.uk">laura.siles-suarez@rothamsted.ac.uk</a>
Prof.	Freddie	Theodoulou	Rothamsted Research	<a href="mailto:freddie.theodoulou@rothamsted.ac.uk">freddie.theodoulou@rothamsted.ac.uk</a>
Prof.	Jon	West	Rothamsted Research	<a href="mailto:jon.west@rothamsted.ac.uk">jon.west@rothamsted.ac.uk</a>
Dr	Guy	Barker	University of Warwick	<a href="mailto:Guy.Barker@warwick.ac.uk">Guy.Barker@warwick.ac.uk</a>
Dr	Graham	Teakle	University of Warwick	<a href="mailto:graham.Teakle@warwick.ac.uk">graham.Teakle@warwick.ac.uk</a>
Dr	Joana	Vicente	University of Warwick	<a href="mailto:Joana.Vicente@warwick.ac.uk">Joana.Vicente@warwick.ac.uk</a>
Prof.	Ian	Bancroft	University of York	<a href="mailto:ian.bancroft@york.ac.uk">ian.bancroft@york.ac.uk</a>
Ms	Lihong	Cheng	University of York	<a href="mailto:sophia.cheng@york.ac.uk">sophia.cheng@york.ac.uk</a>
Dr	Lenka	Havlickova	University of York	<a href="mailto:lenka.havlickova@york.ac.uk">lenka.havlickova@york.ac.uk</a>
	Harjeevan	Kaur	University of York	<a href="mailto:hk701@york.ac.uk">hk701@york.ac.uk</a>
Ms	Varanya	Kittipol	University of York	<a href="mailto:varanya.kittipol@york.ac.uk">varanya.kittipol@york.ac.uk</a>
	Jia	Liu	University of York	<a href="mailto:jia.liu@york.ac.uk">jia.liu@york.ac.uk</a>
Dr	Natalia	Stawniak	University of York	<a href="mailto:natalia.stawniak@york.ac.uk">natalia.stawniak@york.ac.uk</a>
Ms	Aoife	Sweeney	University of York	<a href="mailto:ags520@york.ac.uk">ags520@york.ac.uk</a>
Dr	Roxana	Teodor	University of York	<a href="mailto:roxana.teodor@york.ac.uk">roxana.teodor@york.ac.uk</a>