

UK Brassica Research Community Annual Meeting

17th December 2025

Forum Lecture Theatre,

University of Hertfordshire, Hatfield, AL10 9AB

Agenda

10:30 Arrival and Coffee

11:00 **Welcome Smita Kurup and Frederic Beaudoin** (Rothamsted Research)

11:10 **Sam Cook** (Rothamsted Research) IPM for CSFB in OSR: metabolite targets for breeding for resistance

11:25 **Yongju Huang** (University of Hertfordshire) Fighting between the two siblings of the phoma stem canker causal pathogen

11:40 **Klaudia Sokolowska/Rachel Wells** (Rothamsted Research/John Innes Centre) Creating a MAGIC Oilseed Rape population

12:00 **Freddie Theodoulou** (Rothamsted Research) Multi-omic analysis of the Arabidopsis MAGIC population-prospects for oilseed rape

12:15 **Jo Hepworth** (Durham University) Cold cabbage and nippy Napus

12:30 **Mark Wilkinson** (Rothamsted Research) Crop Transformation at Rothamsted Research

12:45 **Leo Chen** (BGI) Quality Multi-Omics Service Provider Empower Your Research

13:05 Lunch and BGI exhibition

14:25 **Ian Bancroft** (University of York) OREGIN progress update

14:50 **Mollie Langdon** (Rothamsted Research) Increasing seed size within the Brassicaceae family

15:05 **Susannah Gill** (John Innes Centre) Characterising the Basis of Cabbage Stem Flea Beetle Resistance in *Sinapis alba*

15:20 **Christophe Lambing** (Rothamsted Research) The control of meiotic recombination for crop improvement

15:35 **Sam Burrows** (John Innes Centre) Bypassing FLC to accelerate flowering in *Brassica oleracea*

15:50 Coffee break

16:15 **Pete Eastmond** (Rothamsted Research) Effect of LEAFY COTYLEDON 1 gene duplication in oilseed rape

16:30 **Madeleine Workman** (John Innes Centre) DsRNA based biopesticides for the sustainable control of the Cabbage Stem Flea Beetle

16:45 **Nathan Roberts** (Rothamsted Research) Increasing seed size in *B. napus* through a CRISPR-directed gene-editing approach

17:00 **Steve Penfield** (John Innes Centre) Title to be confirmed

17:15 **Concluding remarks**