



## **PCGIN 2019 stakeholder meeting (restricted to registered attendees)**

**Belton Woods Hotel  
Belton, Grantham, NG32 2LN**

**Tel. 020 3027 6614**

**Thursday, 14th November 2019 (11:00 – 15:00)**

This industry-led stakeholder meeting will present perspective talks on future market opportunities and relevant international developments, within the context of the latest developments in genetic research on UK pulse crops (PCGIN 2018-2023). There will be time for interactions over lunch.

We are very grateful to Agrii and Limagrain for their sponsorship of this meeting. Registration by email to: [debra.canton-stoker@jic.ac.uk](mailto:debra.canton-stoker@jic.ac.uk)

### **Programme**

#### **10:30 Arrival, tea & coffee**

Welcome & introductions (Peter Smith, Agrii; Will Pillinger, Limagrain)

**Chair: Peter Smith, Agrii**

**11:00 PCGIN: overview & highlights 2019** (Claire Domoney, JIC; Donal O'Sullivan, Reading; Jane Thomas/Tom Wood, NIAB)

**11:20 Overview of industry-academic exchanges – Marketplace of Ideas** (Donal O'Sullivan, Reading)

**11:25 The industry perspective, 2019** (12 minutes each speaker)

- Andy Bury, Frontier: Challenges for trading UK pulse crops
- Paul Sheldrake, Healy Group: Rising opportunities for vegetable proteins and UK pulses – Technical & Nutritional Challenges
- Nick Saltmarsh, Hodmedods: Opportunities for existing and novel legume crops in the UK
- Chris Harrison, Novofarina: Food product development and genetic targets in pea
- Lewis Cottey, Pulses UK: The role of Pulses UK

**12:45 LUNCH with poster\* viewing**

## Chair: Will Pillinger, Limagrain

### 13:40 Flash presentations from junior scientists (5 minutes each speaker)

Tom Reynolds, NIAB: Evidence for sexual reproduction of the faba bean pathogen *B. fabae* in the UK

Gabriel Robinson, JIC: A nutritional review of UK pulses

Vicky Tagkouli, UoR: Selection schemes for small-scale faba bean breeding

Jake Moscrop, NIAB/UoCam: Enhancing pollination in the field bean, *Vicia faba*

Ahmed Warsame, UoR: Identifying and quantifying the most important faba bean seed proteins

### 14:15 Legume crops and international activities (Pete Iannetta, The James Hutton Institute)

**Curation of legume crop germplasm** (Noam Chayut, JIC)

### 14:40 Perspectives & open discussion on priorities (growers, NFU, Defra, industry & scientists)

### 15:00 Wrap up & depart

#### \*Poster presentations:

- Genotyping tools for faba bean (Deepti Angra, Reading)
- Towards saturation mutagenesis in faba bean (Tom Harvie, Deepti Angra, Reading)
- Improved management of viruses (Becky Howard, PGRO; FERA)
- Exploring soybean germplasm (Tony Miller, JIC)
- Pea NRT1.1 proteins are required for suppression of nodulation by ammonium nitrate (Tony Miller, JIC)
- Favuleux – developing faba beans as a sustainable source of high-quality protein for food through optimised genetics, farming and processing (Thomas Wood, NIAB)
- Identification of a QTL conferring partial resistance to downy mildew on faba bean, *Vicia faba* (Anne Webb, Krystyna Gostkiewicz, Jane Thomas and Thomas Wood, NIAB)
- Genetic improvement of pea to replace soyabean in the diets of poultry and monogastric livestock (PeaGen LINK consortium)