



PCGIN 2021 stakeholder meeting Virtual meeting by Zoom

Wednesday, 17th November 2021 (12:45 – 16:45)

**Link will be sent to registered attendees.
Registration by email to: debra.canton-stoker@jic.ac.uk**

The PCGIN 2021 stakeholder meeting will present developments and opportunities within the context of genetic research on UK pulse crops. Beyond PCGIN, it considers new approaches to tackling biotic threats to pulses, engaging with colleagues in Canada. We include industry perspective talks to cover future market opportunities and breeding objectives. The meeting has been registered for Basis points.

Programme

All main talks (bullets) are 12 minutes unless otherwise stated.

Chair: Andy Bury, Frontier Agriculture

12:45 Welcome

12:50 Introducing PCGIN 2021 (Claire Domoney, JIC; Donal O'Sullivan, Reading; Tom Wood, NIAB; Catherine Howarth, IBERS; Steve Belcher, PGRO)

13:25 Genomics and disease control

- Building resilience against diseases in pulses (Tom Wood, NIAB & Sanu Arora, JIC)
- Unlocking genetic diversity in pea (Noel Ellis & Noam Chayut, JIC)
- New genetic diversity in faba bean (Donal O'Sullivan, Reading)
- Biocontrol of downy mildew pathogens (Emeka Okechukwu, University of Worcester; PCGIN-associated LINK project)

14:30 Introduction to student projects (5 minutes each)

- Exploring strategies to enhance pollination in *Vicia faba* (Jake Moscrop, University of Cambridge)
- Molecular genetics to alter nutrition in pea (Mark Bal, JIC & QIB, Norwich)
- Targeting raffinose - can we keep gut bacteria happy and reduce our discomfort? (Aryana Zardkoohi-Burgos, JIC & QIB, Norwich)
- Natural variation in photosynthesis in pea (Alexandra Milliken, University of Essex)
- Intercropping with pulses (David Casebow, University of Reading)

15:05 Short break

Chair: James Maguire, KWS

15:15 Industry perspective

- Opportunities and horizon-scanning for the UK pulses sector (James Maguire, KWS)
- UK cropping and marketing update (Andy Bury, Frontier Agriculture)
- The power of Yield Enhancement Networks (Charlotte White, ADAS)

16:10 Canadian perspective on pulse breeding

- Challenge of emerging diseases of pulses (Syama Chatterton, Lethbridge Research and Development Centre, Agriculture and Agri-Food Canada; 09:10 in Lethbridge)
- Overview of pea and faba bean breeding objectives and challenges in western Canada/ northern USA (Tom Warkentin, USASK; 10:10 in Saskatoon).

16:45 Perspectives & wrap up

How do I join the meeting?

Please use the link provided in the email to join the meeting. The meeting is being held using Zoom. A waiting room will be in place; all attendees will be let into the room at the start time.

What to expect?

- All attendees will have their microphones set to mute on arrival
- Questions are welcome during the meeting. Please type “question” into the chat box to “virtually” raise your hand. The chair will call on each person in turn to ask their question and that person should unmute their own microphone for the duration of the question. If you do not have a microphone, please type your question into the chat box and the Chair will ask it on your behalf
- Please use video, if possible, to allow our speakers to see the audience and make the session more interactive

General advice for attendees

- Before joining, test your audio/video connection and settings after loading Zoom
- To prevent Wi-Fi dropouts and speed issues connect via wired ethernet, where possible
- If connecting from a laptop, plug in the charger, as battery (only) use can adversely affect video quality
- Be aware of your surroundings and how you appear visually. Close blinds/curtains on windows so that you are easier to see on video
- Please be aware this is a video conference; people can see and hear you unless video and/or audio is off/muted. Familiarise yourself with turning audio and video capability on and off for asking a question
- To avoid audio feedback and/or echo use earbuds/headphones

Any joining issues, please contact debra.canton-stoker@jic.ac.uk