

Commercialising Industrial Biotechnology

21st and 22nd of April 2021, 1-4 pm (each day)

ONLINE

Industrial biotechnology is undergoing a step change in capability with many new start-ups. However, the lack of scale-up capability in the UK is a big challenge despite a number of initiatives such as CPI Wilton, IBioIC, and BioPilots.

This two half-day event will examine whether sufficient scale-up capacity exists in the UK for start-up companies. This will be in the context of the experience of a variety of Industrial Biotechnology companies as they have transitioned from laboratory to pilot plant and on to manufacture. We will be particularly looking at the food, enzyme, fine chemicals, and oral pharmaceuticals portions of the sector (and not the large-scale energy sector).

This two half-day meeting is OPEN TO ALL and offers a programme of invited talks and a panel session. The event has been organised by the Biochemical Engineering Special Interest Group (BESIG) of the Institution of Chemical Engineering.

AGENDA:

DAY 1:

13:00 – 13:05 *Welcome from BESIG IChemE (James Winterburn – Manchester University)*

13:05 – 13:20 *Introduction to Industrial Biotech in the UK (Vaughan Thomas – Tillingbourne Consulting)*

13:20 – 16:00 **SESSION 1 - SCALE-UP EXPERIENCES**

Chairs: Petra Hanga (Aston University)

13:25 – 13:45 Marco Delise (Better Dairy)

13:50 – 14:00 SPONSOR 1: Applikon Getinge (10 min)

14:00 – 14:20 Max Jamilly (Hoxton Farms): The journey of cultivated fat at scale

14:25 – 14:55 **Comfort break (30 min)**

14:55 – 15:15 Lourdes Velez Superbie (UCL)

15:20 – 15:30 SPONSOR 2: Broadley James (10 min)

15:30 – 15:50 James Winterburn (Holiferm)

15:55 – 16:00 Close of day (Petra Hanga – Aston University).

DAY 2:

13:00– 15:00 SESSION 2 - UK CAPACITY

Chair: Alex Kiparissides (UCL)

13:00 – 13:20 Yvonne Armitage (CPI)

13:25 – 13:35 SPONSOR 3: Watson Marlow (10 min)

13:25 – 13:45 Tom North (Biorenewables Development Centre): The BDC – where we fit within scale-up.

13:50 – 14:00 Comfort break (10 min)

14:00 – 14:20 Catherine Mort (KTN): UK innovation landscape

14:25 – 14:35 SPONSOR 4: GEA (10 min)

14:35 – 14:55 Kirk Malone (Future Biomanufacturing Hub): The Future Biomanufacturing Research Hub: harnessing UK strengths in biomanufacturing

15:00 – 15:10 Comfort break (10 min)

15:10 – 16:10 SESSION 3: PANEL SESSION

Chairs: Vaughan Thomas (Tillingbourne Consulting)

Petra Hanga (Aston University)

Panel members:

Yvonne Armitage - CPI

James Winterburn - Holiferm

Kirk Malone - Future Biomanufacturing Hub

Catherine Mort KTN

16:10 – 16:20 Summary and close of meeting (Vaughan Thomas - Tillingbourne Consulting)