

## **IBioIC CTP Annual Symposium 2017**

Wednesday 24<sup>th</sup> January

Insight Institute, Collins Building, 22 Richmond St, Glasgow G1 1XQ

### **“The Big Wide World of Industrial Biotechnology”**

Aim: To get students thinking about the world of IB outside of their own research space starting at cohort level, moving to sector level and, finally, moving onto a global context. This is an opportunity to develop the students’ preparation, research and presentation skills and to learn about the diversity of the sector.

9:00 Arrival

9:30 Welcome and introductions/ ice-breaker: James Marshall and Martina Daute, IBioIC PhDs

9:50 Overview of the day: Dr Ian Archer, CTP Director; Rachel Moir, CTP Operations Manager

#### **10:00 Session 1: What’s going on in our cohort?**

*During this session the will hear about the student’s projects and the range of work going on across the cohort.*

10:00 Introducing the 2017 Cohort

10:20 IB speed dating: making a connection

11:20 *Coffee break*

#### **11:30 Session 2: Our thematic areas**

*For this session, we will start to look beyond individual projects at the wider IBioIC thematic areas of biocatalysis/biotransformation, synthetic biology, downstream processing, integrated bioprocessing and sustainable feedstocks.*

11:30 Workshop: Delivering a clear STEM message

12:50 Round two: Thematic Groups overview

#### **13:00 Lunch**



*Lunch has kindly been sponsored by Skills Development Scotland (SDS). Skills Development Scotland is the national skills body supporting the people and businesses of Scotland to develop and apply their skills.*

### **13: 45 Session 3: Key Sectors in IB: Maximising our Potential**

*Moving a bit wider again, we are now going to look at IB at a sector level. A number of key sectors have been identified in IBioIC's business development plan as strategic areas for growth. This session will give the delegates an opportunity to input into the further development of the business plan and to gain an understanding of the key growth areas across the UK.*

13:45 Introduction to our target key sectors:

- Speciality & Commodity Chemicals: Katie Schulz, University of Leeds
- Biorefining from waste: Jessica Nirkko, University of Edinburgh
- Food & Drink: Joan Cortada, University of Glasgow
- Carbon Capture Storage & Utilisation: Ayo Ogundero, University of Glasgow

14:15 Workshop: Sector Mapping and Future Opportunities

Session chairs:

- Speciality & Commodity Chemicals: Anton Puzorjov, University of Edinburgh
- Biorefining from waste: Nick Bennett, University of Edinburgh
- Food & Drink: Martina Daute, Abertay University
- Carbon Capture Storage & Utilisation: Stefan Semerdzhiev, University of Glasgow

15:00 Feedback and discussion.

15:15 *Coffee*

### **15:30 Session 4: IB on a Global scale**

*The aim for this section is to get delegates thinking about the context and diversity of IB on a global scale and to visit some of the current key issues across the globe.*

15:30 The Big Debate: GMO, yes or no? The case for and against genetic modification of people and microbes.

- Chair: Paul Hudman, 3fBio
- Putting forward the argument 'for': Alison Hughes, University of Strathclyde; Tim McArdle, University of St Andrews.
- Putting forward the argument against: Mark Moloney, University of St Andrews; Ashley Matthey, University of Manchester.

**16:00 Keynote speaker: Charles Abbas, University of Illinois and IBioCat: IB across the Globe**  
Introduction by James Marshall, University of Manchester.

16:30 Q and A session

**16:45 Summary and close:** Rachel Moir, IBioIC Skills Manager

**17:00 – 18:00 Wine reception – IBioIC office, Inovo, 121 George Street, Glasgow G1 1RD**

**19:30 Networking Dinner:** Metropolitan, 60 Candleriggs, Glasgow G1 1LE.