

# PROGRAMME



## Day 1 - Tuesday 27<sup>th</sup> September

09:00 **Assemble in John Innes Centre Reception**

### **Chris Lamb Training Suite, JIC**

09:15 **Welcome and Introductions, Competition Announcement**  
Group Photograph

10:00 **Inside The Norwich Research Park**  
Dr Jane Heavens, Norwich Research Park Office

10:30 **Inside Plant Breeding**  
Simon Orford, JIC

11:00 Break

### **Ranworth Room, Institute of Food Research**

11:30 **Inside Network Science**  
Drs Marina Munoz Cuevas & Aline Metris, IFR

12:00 **Inside Guts**  
Dr Arjan Narbad, IFR

12:30 **Inside Biofilms**  
Dr Mark Reuter, IFR

13:00 Lunch with JIC & IFR Students (**IFR Foyer**)

### ***JIC Training Suite***

14:00 **Inside Cells**  
Professor Keith Roberts, JIF Emeritus Fellow

14:30 **Inside Streptomyces: Nature's Antibiotic Factory**  
Professor Sir David Hopwood, JIC Emeritus Fellow

15:00 **Inside Plant Pathology**  
Professor James Brown, JIC

15:30 Break

16:00 ***Split into two groups for Inside Microscopes as Research Tools***  
with Kim Findlay, JIC *or* **Inside Mass Spectrometry** with Dr Lionel Hill, JIC (*repeated on Day 3*)

17:00 Summary, Feedback, General Q & A

17:15 **End of Day One**

**Day 2 - Wednesday 28<sup>th</sup> September**

- 09:15      **Registration**  
 JIC Training Suite
- 09:30      **Inside GM Crops**  
 Dr Wendy Harwood, Crop Genetics, JIC
- 10:30      **Inside Purple Tomatoes**  
 Professor Cathie Martin, John Innes Centre
- 11:00      Break
- 11:30      **Inside GM Blight Resistant Potatoes**  
 Dr Simon Foster, The Sainsbury Laboratory
- 12:00      **Inside the plant-mycorrhiza symbiosis**  
 Kirsty Jackson, PhD Student, JIC
- 12:30      **Inside Germplasm Resources Unit**  
 Mike Ambrose, Curator
- 13:00      Lunch with Post-docs
- 14:00      **Inside the Genome Analysis Centre**  
 Dr Emily Angiolini
- 14:00      Micropipette handling  
 14:10      Set up PCR reactions  
 14:40      PCR presentation  
 15:00      TGAC research presentation  
 15:20      Break  
 15:40      Bioinformatics demonstration  
 16:00      Group A: Tour of TGAC, Group B: Load and run PCR products  
 16:30      Group B: Tour of TGAC, Group A: Load and run PCR products
- 17:00      Summary, Feedback, General Q & A
- 17:15      **End of Day 2**

***Optional***

- 19:00      Great Norfolk Food Debate, JIC Conference Centre**  
 "Farmers should have the choice to grow, and consumers the choice to eat GM foods"

**Day 3 - Thursday 29th September**

- 09:15      **Registration & Hand in Competition Entries**  
JIC Training Suite
- 09:30      **Inside Nanotechnology: From black-eyed peas to nanoparticles for materials and medicine**  
Professor Dave Evans, Biological Chemistry, JIC
- 10:00      **Inside Proteins**  
Dr David Lawson, Biological Chemistry, JIC
- 10:30      **Inside Pod Shatter in Oil Seed Rape**  
Professor Lars Ostergaard, Crop Genetics, JIC
- 11:00      Break
- 11:30      **Inside Computational Biology**  
Professor Martin Howard, JIC
- 12:00      **Inside Soil**  
Professor Phil Poole, JIC
- 12:30      **Tour of Insectary and Growth Facilities**  
Dr Ian Bedford and Dr Dee Rawsthorne
- 13:00      Lunch with Research Assistants and Lab Managers
- 14:00      ***Split into two groups for practical session***  
**Inside Mass Spectrometry** with Dr Lionel Hill *or*  
**Inside Microscopes as Research Tools** with Kim Findlay, JIC
- 15:00      Break
- 15:30      **Guest Speaker – Dr Leonor Sierra**, International Science and Policy Manager, Sense About Science  
  
“Making Sense of Science”
- 16:30      **Presentation of Attendance Certificates & Competition Results**
- 17:00      Final Summary, Feedback and Q & A
- 17:15      **End of Day 3 and Workshop Ends**

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