

BBSCR DTP Symposium

* Scheduled sessions are in BST

Day 1 Tuesday, July 20th

13:00 – 13:15 Welcoming remarks

Session 1

- 13:15 Aleksandra Jartseva**
Combining super-resolution imaging and Hi-C to understand the rules of genome organisation on a single-cell level
- 13:30 Neil Iyata**
Density dependent nucleation of integrin and cadherin adhesion clusters during cell spreading and mitosis
- 13:45 Malte Lars Pinckert**
The winter vomiting bug under the looking glass - Investigating prerequisites of norovirus genome replication

14:00 – 14:50  **Guest speaker: Prof Kate Jeffery**
How are sensory information assembled by the brain into more complex, cognitive representations of the world?

14:50 – 15:00 Break

Session 2

- 15:00 Friederike Dannheim**
Antibody-drug conjugates: The next generation of targeted cancer therapy (TBC)
- 15:15 Rachel Murray-Watson**
Modelling the interaction between human behaviour and crop disease management
- 15:30 Madeleine Ball**
Super-resolution imaging of chromatin and nuclear architecture

15:45 – 16:35  **Guest speaker: Dr Lekan Popoola**
Development and deployment of portable air quality sensors

16:35 – 16:40 Mental Health resources

16:40 – 16:50 Break

Session 3

16:50 – 18:00 Poster Session

How to join

Webinar ID: TBC

Passcode: TBC



**Biotechnology and
Biological Sciences
Research Council**



Day 2 Wednesday, July 21st

9:15 – 9:30 Welcoming remarks

Session 1

- 9:30 Hamish Symington**
Improving the pollination of the strawberry
- 9:45 Isla Causon**
Signalling mechanisms controlling patterning in petals (TBC)
- 10:00 Sam Crawshaw**
Characterising the Interaction of the Cucumber Mosaic Virus 1a and 2b proteins

10:15 – 11:05  **Guest speaker: Dr Ross Overman**
Principal Scientist at Leaf Expression Systems

11:05 – 11:15 Break

Session 2

- 11:15 Katherine Webber**
Using Optical Tweezers to Characterise the Erythrocyte Attachment Force of Malaria Parasites
- 11:30 Libby Brown**
The Design of Hyperreactive Peptide Motifs using Phage Display
- 11:45 Deborah Oakley**
Pulse pressure associates with cognitive decline in healthy ageing

12:00 – 12:50  **Guest speaker: Dr Giles Yeo**
Identifying new players in the hypothalamic control of energy balance

12:50 – 14:00 Lunch Break

Session 3

- 14:00 Careers Panel: Science and Industry**
with Dr Rodrigo Santos, Dr Jason Mellad, Dr John McCafferty, and Dr Darren Logan
- 14:40 Career resources**
- 14:50 Careers Panel: Beyond the Bench**
with Anita Makri, Naoma Nagahawatte, Dr Jonathan Wentworth, and Dr Alessandro Rizzo

15:30 – 16:30  **Keynote speaker: Prof Kypros Nicolaides**
His ground-breaking research revolutionised the field of foetal medicine

16:30 – 17:00 Closing remarks and prize giving

18:00 – 19:30 GatherTown Social (optional)