

Tuesday 28th November 2017 17.30-19.30 Mixer (Drinks and light refreshments)

Wed 29th November 2017

Wed 29 th November 2017		
Time	Presenter	Title
9.00 Session 1		
Opening Chair Steve Jobling		
9.00 - 9.15	Steve Jobling,	Conference opening remarks
9.15 - 9.30	Allan Green, CSIRO	Gene editing in a metabolic engineering context
9.30 - 10.15	Caixia Gao, IGDB Beijing	Crop genome engineering and precise breeding with genome editing technologies.
10.15	Morning Break	
10.45 Session 2		
Science Chair Filomena Pettolino		
10.45 - 11.30	Bin Yang, Iowa State	CRISPR-mediated genome editing in rice and maize
11.30 -12.10	Matt Hayden, VicDPI	Deploying zinc finger nucleases for genome editing in agriculturally important crop
12.10 - 12.30	Mick Ayliffe, CSIRO	TALEN and CRISPR gene editing in cereals
12.30 Lunch		
13.30 Session 3		
Science & Industry Chair Graham Bonnet		
13.30 -14.10	Jin Soo Kim, Seoul National University	Genome-wide Target Specificities of CRISPR Nucleases and Deaminases
14.10 - 14.30	Felicity Keiper, Bayer Global	Regulatory Challenges Presented by Genome Editing – Industry Perspective
14.30 -14.50	Glen Thorlby, Scion	Experiences of SCION in the gene editing space
14.50 -15.10	Kerry Fluhr, CSIRO	CSIRO perspective on CRISPR licencing
15.10 -15.30	David Dall, Department of Agriculture and Water Resources	Gene editing – a perspective from the Australian Government Department of Agriculture and Water Resources
15.30 Afternoon Break		
16.00 Session 4		
Regulation & ethics Chair Craig Cormick		
16.00 -16.20	Andrea Robold, OGTR	OGTR perspective on gene editing
16.20 -16.40	Lisa Kelly, FSANZ	Food regulatory perspective of gene editing.
16.40 -17.00	Heather Bray, U. Adelaide	Social science perspective on gene editing

17.00-17.20	Lucy Carter & Aditi Mankad, CSIRO	Social science perspective on gene editing
17.20-17.40	Craig Cormick, TOTBox	Think outside the box
17.40-18.00	Craig Cormick, TOTBox	Q&A Panel
18.00 Close		
19.00 Dinner		

Thursday 30th November 2017

Wed 29th November 2017		
Time	Presenter	Title
9.00 Session 5		
Science talks Chair Ming Luo		
9.00 - 9.40	Yao-Guang Liu, South China Agricultural Univ.	A high-efficiency plant genome editing toolkit and the application in functional genomics and genetic improvement
9.40-10.10	Emma Wallington, NIAB, UK	Gene Editing in wheat
10.10-10.30	Fatima Naim, U. Queensland	Exploring and improving genome editing in model plant <i>Nicotiana benthamiana</i>
10.30 Morning Break		
11.00 Session 6		
Science talks Chair Mick Ayliffe		
11.00-11.30	Dabing Zhang, U. Adelaide	Uncovering the molecular mechanism controlling cereal reproductive development using genome editing system
11.30-11.50	Jimmy Botella, U. Queensland	CRISPR-mediated ultrafast breeding: converting 'non- sticky' elite rice varieties into 'sticky' rice (non-GM) in two generations
11.50-12.10	Nijat Imin, Australian National. Univ.	CRISPR-mediated gene editing in hairy roots of model legume <i>Medicago truncatula</i>
12.10-12.30	Pawinder Kaur, U. Western Australia	Root architecture manipulation for Phospho- efficiency - The CRISPR way
12.30 Lunch		
13.30 - 14.00 Early Career Researchers meet the Speakers		
14:00 Session 7		
Technical Q&A Chair Peter Waterhouse		
14:00 - 15:00 Q&A panel	Speakers as panel members	
15.15 - 15.30	Conf closing remarks	
15.30	END	