

GeneMappers: Genetic Dissection of Common Complex Human Disease

Time	Session	Speaker
DAY 1: 11 November 2015		
Pre Conference Workshop		
10:00 am – 5:00 pm	Statistical methods for next-generation sequencing analysis	Phillip Melton <i>The University of Western Australia</i> John Blangero <i>University of Texas</i> Timo Lassman <i>Telethon Kids Institute</i>
4:30 pm – 5:30 pm	Registration Desk Open	
5:30 pm – 7:30 pm	Welcome Reception Location: Bondi & Ipanema Decks, Matisse Beach Club, Scarborough	
DAY 2: 12 November 2015		
8:30 am – 3:15 pm	Registration Desk Open	
9:15 am – 9:30 am	Welcome	Eric Moses <i>Convenor, GeneMappers 2015</i> <i>The University of Western Australia</i>
SESSION 1: GENOME-WIDE ASSOCIATION STUDIES		
9:30 am – 10:00 am	Leveraging common variation analysis to understand the structure of phenotypes	Ben Neale <i>Massachusetts General Hospital</i>
10:00 am – 10:30 am	Investigating the genetic architecture of traits through heritability analysis	David Balding <i>The University of Melbourne</i>
10:30 am - 11:00 am	Morning Tea & Exhibition	
11:00 am – 11:15 am	Abstract Presentation	
11:15 am – 11:30 am	Abstract Presentation	
11:30 am – 12:00 pm	Discussion	
12:00 pm – 1:30 pm	Lunch & Exhibition	
SESSION 2: WHOLE EXOME/WHOLE GENOME SEQUENCING		
1:00 pm – 1:30 pm	Title to be confirmed	Joe Terwilliger <i>Columbia University</i>
1:30 pm – 2:00 pm	Finding the cause of neurogenetic disorders - how has next generation sequencing helped?	Nigel Laing <i>Harry Perkins Institute of Medical Research</i>
2:00 pm – 2:15 pm	Abstract Presentation	
2:15 pm – 2:30 pm	Abstract Presentation	
2:30 pm – 2:45 pm	Abstract Presentation	
2:45 pm - 3:15 pm	Afternoon Tea & Exhibition	
3:15 pm – 3:45 pm	Abstract Presentation	
3:45 pm – 4:15 pm	Discussion	
4:15 pm	Close	
6:00 pm – 7:00 pm	Poster Session & Pre Dinner Drinks Location: Exhibition Area	
7:00 pm – 10.30pm	Conference Dinner Location: Mentelle Room, Rendezvous Scarborough	

DAY 3: 13 November 2015		
SESSION 3: EPIGENETICS/GENE EXPRESSION/ INTEGRATIVE OMICS		
8:30 am – 9:00 am	Title to be confirmed	John Blangero <i>South Texas Diabetes and Obesity Institute</i>
9:00 am – 9:30 am	Highlights and pitfalls in genome-wide methylation studies of diseased and healthy cohorts	Naomi Wray <i>Queensland Brain Institute, University of Queensland</i>
9:30 am – 9.45 am	Abstract Presentation	
9:45 am – 10:00 am	Abstract Presentation	
10:00 am – 10:30 am	Morning Tea & Exhibition	
10:30 am – 10:45 am	Abstract Presentation	
10:45 am – 11:00 am	Abstract Presentation	
11:00am – 11:30 am	Systems genomics and prediction of complex human disease: Is there the opportunity to change this down the track?	Mike Inouye <i>The University of Melbourne</i>
11:30 am – 12:00 pm	Discussion	
12:00 pm – 1:00 pm	Lunch	
SESSION 4: FUNCTIONAL/ TRANSLATIONAL GENETIC STUDIES		
1:00 pm – 1:30 pm	Pharmacogenomics of cardiovascular disease	Marie-Pierre Dubé <i>Université de Montréal, Canada</i>
1:30 pm – 2:00 pm	Genome Engineeiyng: Towards CRISPR/Cas-correction of monogenic eye disease	Alex Hewitt <i>Centre for Eye Research Australia</i>
2:00 pm – 2:15 pm	Abstract Presentation	
2:15 pm – 2:30 pm	Abstract Presentation	
2:30 pm – 2:45 pm	Abstract Presentation	
2:45 pm – 3:00 pm	Abstract Presentation	
3:00 pm – 3:30 pm	Afternoon Tea & Exhibition	
3:30 pm – 4:00 pm	Applying Human Genetics in Drug Development	Justin Rubio <i>The University of Melbourne</i>
4:00 pm – 4:30 pm	Discussion	
4:30 pm – 5:00 pm	Awards: Best Poster, Best ECR Presentation, Best PhD Presentation	
5:00 pm	Conference Close	Eric Moses <i>Convenor, GeneMappers 2015 The University of Western Australia</i>