

## Preliminary Programme

*Tuesday August 23*

10:00 am Morning Tea

10:15 am **Welcome to the NZ NGS Conference**

*Session 1 Large Genomic Projects*

10:30 am International Speaker  
**Best Practice approach to NGS data processing: solutions and challenges**  
Chris Hartl, Broad Institute

11:30 am **Whole Genome Sequencing to Improve the NZ Dairy industry.**  
Mike Keehan, Livestock Improvement Corporation (LIC)

12:00 pm **Identifying Biological Cause among Millions of 'Bystander' Variations.**  
Klaus Lehnert, Vialactia

12:30 pm Lunch

*Session 2 Technologies*

1:30 pm **Title TBA** Presentation from Roche

2:00 pm **Title TBA** Presentation from Illumina

2:30 pm **Adopting Optimal Technologies for Nucleic Acid Sequencing Experimental Outcomes.** Matthew Phipps, LifeTechnologies Ltd

3:00 pm **New Zealand Genomics Limited: Off the drawing board and out to the scientists.** Tony Lough, New Zealand Genomics Limited

3:30 pm Afternoon Tea

*Session 3 Posters*

4:00 pm **Poster Speakers – Selected from Poster abstracts**  
8 speakers at 5 mins each

5:00 pm **Poster Session**

7:00 pm Dinner – Conference Centre

*Wednesday August 24*

8:45 am Morning Coffee

*Session 4 Transcriptomics and more*

9:00 am International Speaker  
**Title TBA**  
David Edwards, University of Queensland

10:00 am Morning Tea

*Session 4 continued*

10:30 am **A Tour through the Tuatara Transcriptome** Hilary Miller, Allan Wilson Centre

11:00 am **SOLiD-SAGE analysis of the Deer Transcriptome.** Paul Maclean, AgResearch

11:30 am **Title TBA** Oliver Deusch and Nicole Gruenheit Massey University

12:00 pm **Transcriptomics and small RNAs from *Trichomonas* and *Giardia***  
Lesley Collins, IFS, Massey University

12:30 pm Lunch

*Session 5 Bioinformatics*

1:30 pm **The Resequencing Coverage Limbo - how low can you go?** Mik Black, University of Otago

2:00 pm **Next Generation Sequencing Simulations: Laying the Groundwork for Plant Genome Sequencing.** Roger Moraga, AgResearch

*Session 6 Evolution in action*

2:30 pm **Sequencing Ancient Pacific Voyagers using “home-made” in-solution Hybridization Capture.** Michael Knapp, University of Otago

3:00 pm **Parallel Multi-amplicon Sequencing using 454 GS FLX: A Study of Microsatellite Evolution.** Monika Zavodna, University of Otago

3:30 pm **TBA**

4:00 pm **Conference Close**

4:10 pm Taxis to airport