



November 15-17, 2011 – Melbourne, Australia

**Tuesday, November 15<sup>th</sup>**

9:00 am	<b>Welcome</b>	Gonca Pasin & Butch Dias	IMGC California Milk Advisory Board
9:30 am	<b>Introduction to Program</b>	Peter Williamson	
9:45 am	<b>Selection of dairy cattle based on genomic data</b>	Mike Goddard	University of Melbourne Australia & DPI Victoria
10:30 am	<b>Break</b>		
10:45 am	<b>Understanding milk protein complexity to produce accurate phenotypes</b>	Patrice Martin	Institut National de la Recherche Agronomique France
11:30 am	<b>Genome analysis of dairy cattle traits</b>	Herman Raadsma	University of Sydney Australia
12:15-1:30 pm	<b>Lunch</b>		
1:00 pm	<b>Poster Set Up</b>		
1:30 pm	<b>Dutch Milk Genomics Initiative: towards implementation</b>	Johan Van Arendonk	Wageningen University The Netherlands
2:15 pm	<b>Combining gene expression data with SNP association studies to identify genes effecting bovine milk production traits</b>	Christy Vander Jagt	The University of Melbourne Australia
2:30 pm	<b>Industry perspective</b>		
3:15 pm	<b>Break</b>		
3:30 pm	<b>Effects of in utero exposure to dietary conjugated linoleic acid on mammary gland development in Balb/cJ mice</b>	Grace Berryhill	University of California, Davis USA
3:45 pm	<b>Mammary stem cells</b>	TBD	
5:00-6:30 pm	<b>Reception &amp; Poster Viewing</b>		

**Wednesday, November 16<sup>th</sup>**

9:00 am	<b>Mammary gland biology: lessons from evolution</b>	Kevin Nicholas	Deakin University Australia
9:45 am	<b>In-silico mapping of quantitative trait loci for lactation-associated traits in inbred mice</b>	Darryl Hadsell	Baylor College of Medicine USA
10:30 am	<b>Matrigel signals abnormal development of Cape fur seal primary mammary cells, possibly through the activation of the TGF<math>\beta</math> pathway.</b>	Laurine Buscara	Deakin University Australia
10:45 am	<b>Break &amp; Poster Viewing</b>		
11:00 am	<b>Market and Technology Opportunities in Gut Health</b> <i>A novel strategy for functional synbiotics</i>	Bill King	DSM Food Specialties USA
11:45 am	<b>A comparison of mammary gland transcriptome and milk proteome</b>	Peter Williamson	University of Sydney Australia
12:30 pm	<b>Lunch &amp; Poster Viewing</b>		
1:30 pm	<b><i>In-silico</i> approach to generating and protecting milk bioactives.</b>	Nora Khaldi	University College Dublin Ireland
2:15 pm	<b>Differences in pathogen-sugar interactions between human and bovine milk glycoproteins.</b>	Nicolle Packer	Macquarie University Australia
3:00 pm	<b>Sialic acid is involved in the differential binding of streptococcal species to milk and salivary glycoproteins.</b>	Wai Yuen Cheah	Macquarie University Australia
3:15 pm	<b>Break &amp; Poster Viewing</b>		
3:30 pm	<b>Glycomics of human and cow milk</b>	Bruce German	UC Davis USA
4:15 pm	<b>Evolution of lactation: Nutrition versus protection</b>	Peter Hartman	University of Western Australia Australia
5:00 pm	<b>Close</b>		
6:00 pm	<b>Group Dinner (by advance ticket only)</b>		

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**Thursday, November 17<sup>th</sup>**

9:15 am	<b>Proteomic profiling of defence-related proteins in bovine milk during an experimentally induced <i>Streptococcus uberis</i> infection</b>	Tom Wheeler	Agr-Foods and Health Section, AgResearch, Ruakura Research Centre New Zealand
10:00 am	<b>Characterization of the differences in the host defense proteome of human and bovine milk</b>	Kasper Hettinga	Wageningen University The Netherlands
10:30 am	<b>Break &amp; Poster Viewing</b>		
10:45 am	<b>Long-term effects of nutrition on mammary gland development and milk composition leading to offspring predisposition to obesity</b>	Emmanuelle Koch	UVSQ France
11:00 am	<b>NutriChip – a technological platform for the selection of healthy dairy products</b>	Guy Vergères	Agroscope Liebefeld-Posieux Research Station ALP Switzerland
11:45 am	<b>Updates from Around the World</b>		
12:30 pm	<b>Lunch</b>		
1:15 pm	<b>Poster Removal</b>		
1:30 pm	<b>Adjourn</b>		

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