

6th International Symposium
September 28-30, 2009 – Paris, France

Milk Genomics & Human Health

Program Agenda *

Monday, September 28, 2009

**Mercure Paris Porte de Versailles
Expo Hotel - Elysées Meeting Room**

8.00	Registration	
9.00	Welcome Industry Welcome	Joseph O'Donnell, California Dairy Research Foundation Koenraad Duhem, CNIEL
9.15	Selection of Animals on Milk Composition: The Opportunities of Genetics	Erik Mullaart, CRV BV
9.45	Strategies to Differentiate Farm Milk	Ger Willems, FrieslandCampina
10.15	Break	
10.30	Qualitative and Quantitative Profiling of Bovine Milk Fat Globule Membrane Protein Fractions	Michael Affolter, Nestlé Research Centre
11.00	Priorities for Genomic Research for the Milk Industry: An Industrial Perspective	Akram Fazel, Yoplait
11.30-12.10	Industry Roundtable Session	Moderator: Gonca Pasin, IMGC Strategic Coordinator
12.10-13.30	Lunch	Le Bistrot Des Terroirs
13.00-13.30	Poster Setup	Elysées Meeting Room
13.30	Introduction: Academic Sessions	Patrick Herpin, Institut National de la Recherche Agronomique J. Bruce German, University of California-Davis

*The IMGC Web Portal:
From Bioinformatics to Lactation
Genomes*

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*Insights From Comparative Genomics:
The Lactoscan Project*

9.00	PhenoFinLait (LactoScan): French National Program for High Scale Phenotyping and Genotyping to Detect QTL Linked With Fine Composition of Ruminant Milk	Felicie Faucon, Institut de l'Elevage – CNIEL
9.40	The Application of Genomics to Bovine Milk Composition	Johan van Arendonk, Wageningen University
10.20	Transcripts in Milk Purified Mammary Epithelial Cells Can Reveal the Effect of Once Daily Milking	Marion Boutinaud, Institut National de la Recherche Agronomique
11.00	Break and Poster Review	
	<i>Regulation & Consequences of Mammary Development</i>	
11.20	The Origins of Lactase Persistence in Europe	Mark Thomas, University College London
12.00-13.30	Lunch	Le Bistrot Des Terroirs
12.45-13.30	Poster Session	Elysées Meeting Room
	<i>Regulation & Consequences of Mammary Development (cont.)</i>	
13.30	Involution of the Mammary Gland	Peter Henson, National Jewish Health
	<i>Milk & Immunity: From Mechanisms to Outcomes</i>	

14.10	Immune Functions of Milk Components: Milk Products & Immunomodulation	Harsharn Gill, Department of Primary Industries-Australia
14.50	Mammary Immunology and Protection of the Neonate	Henri Salmon, Institut National de la Recherche Agronomique
15.30	Break and Poster Review	
<i>Student Travel Award Winners (cont.)</i>		
15.50	Coevolution with milk has influenced innovation in the Bifidobacterium longum subsp. Infantis genome to utilize sialylated and fucosylated milk oligosaccharides	David Sela, University of California-Davis
16.05	Epithelial stem cells endogenous to human breastmilk give rise to three-dimensional differentiated milk-secreting units in vitro	Elizabeth Thomas, University of Western Australia
16.20-17.00	Updates From Researchers	
17.00-17.30	Review, Q&A	J. Bruce German, University of California-Davis
19.00	Dinner (By Ticket Only)	Le Bistrot Des Terroirs

* Note: Program content subject to change.

13.50	Genetic Variation at Distal Regulatory Elements in Casein Gene Cluster is Associated with Milk Composition and Management Traits in Dairy Cattle	Monique Rijnkels, Baylor College of Medicine
14.30	The Annotation of the Lactation Genome: A Comparative Approach	Peter Williamson, University of Sydney
15.10	Comparative Transcriptomics and Genomics of Mammalian Lactation	Christophe Lefèvre, Deakin University
15.50	Break	
<i>Student Travel Award Winners</i>		
16.10	Rspo1 is essential to normal mammary gland development	Laurine Buscara, Deakin University
16.25	Comparative genomics of <i>Bifidobacterium longum</i> strains identifies genes relevant for human and bovine milk	Riccardo LoCascio, University of California-Davis
16.40	Quantitative trait locus (QTL) detection for milk protein composition in dairy cattle	Ghyslaine Schopen, Wageningen University
17.00	Break Before Reception	
17.30-18.30	Reception	Elysées Meeting Room
17.30-19.00	Poster Review Session	Elysées Meeting Room

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Looking To The Future

9.00	Milk and Autoimmunity	Chris Linington, University of Glasgow
9.40	The Next Bovine Genome: The Rumen Metagenome	Bryan White, University of Illinois
10.20	Break and Final Poster Review	
10.40-11.40	Updates From Researchers	
11.40	Discussion and Perspectives	Peggy Neville, University of Colorado Denver Health Sciences Center
12.10-13.20	Lunch	Le Bistrot Des Terroirs
12.50-13.20	Poster Teardown	
13.20	Adjourn	
13.30	IMGC Steering Committee Meeting (Members Only)	Elysées Meeting Room

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