

The University of Hong Kong
Li Ka Shing Faculty of Medicine
Centre for Genomic Sciences

**Recent Advances in Genomics with Applications in Medicine
Inaugural HKU-McGill Symposium**

3-4 May 2012

Lecture Theatre 2, Cheung Kung Hai Conference Centre
Faculty of Medicine Building, 21 Sassoon Road, Pokfulam, HK

Day 1: 3 May 2012 (Thursday)

8:15 – 8:45am	Registration
8:45 – 9:15am	Welcome Address Professor Paul K H Tam <i>Pro-Vice –Chancellor and Vice-President (Research)</i> <i>Chair of Paediatric Surgery</i> <i>The University of Hong Kong</i> Professor Rima Rozen <i>Associate Vice-Principal (Research and International Relations)</i> <i>James McGill Professor of Human Genetics and Pediatrics</i> <i>McGill University</i>
Chairperson:	Professor Mark Lathrop, McGill University and Genome Quebec Innovation Centre, Department of Human Genetics, McGill University
9:15 – 9:40am	Sweet Genes - The Genetics of Type 2 Diabetes Dr Rob Sladek, McGill University and Genome Quebec Innovation Centre, McGill University
9:40 – 10:05am	Biomarkers Predictive of Diabetes in the CRISPS Cohort Professor Karen S L Lam, Research Centre of Heart, Brain, Hormone and Healthy Aging, Department of Medicine, The University of Hong Kong
10:05 – 10:35am	Tea Break

Chairperson:	Professor Pak-Chung Sham, Centre for Genomic Sciences, Department of Psychiatry, The University of Hong Kong
10:35 – 11:00am	Genetic Interactions in Cardiovascular Disease and its Risk Factors Dr Jamie Engert , Departments of Medicine and Human Genetics, McGill University
11:00 – 11:25am	Exome Sequencing and Stem Cell Platform for Diagnosis of Inherited Cardiomyopathy Professor Hung-Fat Tse , Institute of Cardiovascular Science and Medicine, Department of Medicine, The University of Hong Kong
11:25 – 11:50am	Intestinal Microbiome Variation in Vervet Monkeys in a Common Environment with a Controlled Diet Dr Ken Dewar , McGill University and Genome Quebec Innovation Centre, McGill University
11:50 – 12:15pm	Microarrays for Genomic Medicine: Omics-based Medicine and Systems Pathology Professor Ching-Wan Lam , Department of Pathology, The University of Hong Kong
12:15 – 1:30pm	Lunch Break
Chairperson:	Dr Merce Garcia-Barcelo, Department of Surgery, The University of Hong Kong
1:30 – 1:55pm	Applications of Exome Sequencing in Medical Genetics Dr Jacek Majewski , McGill University and Genome Quebec Innovation Centre, Department of Human Genetics, McGill University
1:55 – 2:20pm	Gastric Cancer Genomics and Genetics Professor Suet-Yi Leung , Hereditary Gastrointestinal Cancer Genetic Diagnosis Laboratory, Department of Pathology, The University of Hong Kong
2:20 – 2:45pm	Detection of Recent Founder Mutations-In-Between Linkage and Association Studies Dr Wanling Yang , Department of Paediatrics and Adolescent Medicine, The University of Hong Kong
2:45 – 3:10pm	Reduced CHST3 mRNA Associated with miR-513 Binding is a Risk Factor for Lumbar Disc Degeneration Dr You-Qiang Song , Department of Biochemistry, The University of Hong Kong
End of Day 1	

Day 2: 4 May 2012 (Friday)

8:30 – 9:00am	Registration
Chairperson:	<i>Professor Ching-Wan Lam, Department of Pathology, The University of Hong Kong</i>
9:00 – 9:25am	Medical Genomics <i>Professor Mark Lathrop, McGill University and Genome Quebec Innovation Centre, Department of Human Genetics, McGill University</i>
9:25 – 9:50am	Translating GWAS Findings for Genetic Risk Prediction of Complex Diseases <i>Professor Pak-Chung Sham, Centre for Genomic Sciences, Department of Psychiatry, The University of Hong Kong</i>
9:50 – 10:15am	Osteoporosis Genomics: Advances and Challenges <i>Dr Brent Richards, Departments of Medicine, Human Genetics, Epidemiology and Biostatistics, McGill University</i>
10:15 – 10:45am	Tea Break
Chairperson:	<i>Dr Rob Sladek, McGill University and Genome Quebec Innovation Centre, McGill University</i>
10:45 – 11:10am	Genetic Studies of Congenital Malformations Involving the Digestive System <i>Dr Merce Garcia-Barcelo, Department of Surgery, The University of Hong Kong</i>
11:10 – 11:35am	Exploiting Population Variation to Dissect Human Gene Regulation <i>Dr Tomi Pastinen, McGill University and Genome Quebec Innovation Centre, Department of Human and Medical Genetics, McGill University</i>
11:35 – 12:00noon	Integrative Analysis of Omics Data for Regulatory Network Inference <i>Dr Junwen Wang, Department of Biochemistry, The University of Hong Kong</i>
Chairperson:	<i>Professor Pak-Chung Sham, Centre for Genomic Sciences, Department of Psychiatry, The University of Hong Kong</i> <i>Professor Mark Lathrop, McGill University and Genome Quebec Innovation Centre, Department of Human Genetics, McGill University</i>
12:00 – 12:20pm	General Discussion
12:20 – 12:30pm	Closing Remarks

Note: Genome Research Centre had been renamed to Centre for Genomic Sciences.