

## BIOINFORMATIC ROBERT CEDERGREN COLLOQUIUM 2008

November 3		
	Time	Oral Presentations (room M-415)      Poster Presentations (Honor Hall)
Session 1	9:15	Colloquium opening : <b>Gertraud Burger</b> , Professor, Biochemistry department, UdeM, Colloquium organizer (M-415)
	9:30	Conference 1 : Richard Bonneau, Biology & Computer Science, New York University, USA <i>Learning Dynamic Regulatory Networks</i>
	10:30	Coffee break
	11:00	Presentation M.Sc. 1 : Mathieu Lavallée-Adam :: McGill University <i>Detection of locally over-represented GO terms in protein-protein interaction networks</i>
	11:30	Presentation M.Sc. 2 : Julie Hussin :: Université de Montréal <i>Natural selection eliminates detrimental and favors advantageous phenotypes</i>
	12:00	Presentation M.Sc. 3 : Sébastien Boisvert :: Université Laval <i>The distant segments kernel and the support vector machine : an alignment-free method for HIV type 1 coreceptor usage prediction</i>
	12:30	Lunch + poster session
Session 2	13:30	Presentation M.Sc. 4 : Reatha Sandie :: Ottawa University <i>Predicting the emergence of Influenza A viruses</i>
	14:00	Presentation M.Sc. 5 : Brady Tracey :: Ottawa University <i>Are Host- or Subtype-Switches Associated with Adaptive Evolution in Influenza A?</i>
	14:30	Presentation Ph.D. 1: Yan Zhou :: Université de Montréal <i>Mixture Covarion model</i>
	15:00	Coffee break + poster session
	15:30	Presentation Ph.D. 2 : Slim Fourati :: Université de Montréal <i>Identification de marqueurs géniques de réponse à la thérapie adjuvante du cancer du sein par les anti-oestrogènes</i>
	16:00	Presentation Ph.D. 3 : Malika Aid :: Université de Montréal <i>DNA motif discovery approach adapted to CHIP-chip data</i>
	16:30	Conference 2 : <b>Mark Gerstein</b> , Molecular Biophysics & Biochemistry Department Yale University, USA <i>Human Genome Annotation</i>

Session 1	Session Chair : Gertraud Burger Referees : Nicolas Lartillot, Damian Labuda, Gertraud Burger
Session 2	Session Chair : Franz Lang Referees : Nicolas Lartillot, Serguei Chteinberg, Franz Lang
Posters referees	Stephen Michnick

## BIOINFORMATIC ROBERT CEDERGREN COLLOQUIUM 2008

November 4			
Time	Oral Presentations (room M-415)	Poster presentations (Honor Hall)	
Session 3	9:00	Conférence 3 : <b>Daniel Gautheret</b> , Institut de génétique et microbiologie, Université Paris-Sud, France <i>One shot Classification of all RNAs from a Bacterial Genome with Phylogenetic Profiling (M-415)</i>	
	10:00	Presentation Ph.D. 4 : Mathieu Lajoie :: Université de Montréal <i>Inferring evolutionary history of tandemly arrayed genes</i>	
	10:30	Coffee break (Honor Hall)	
	11:00	Presentation Ph.D. 5 : Yaoqing Shen :: Université de Montréal <i>The convoluted evolution of acyl-CoA dehydrogenase family</i>	
	11:30	Presentation Ph.D. 6 : Hamed Shateri Najafabadi :: McGill University <i>Codon usage as a universal mechanism for synchronization of gene expression</i>	
	12:00	Presentation Post-doc. 1 : Sivakumar Kannan :: Université de Montréal <i>Automated (RNA) motifs discovery in the mitochondrial genome of <i>Diplonema papillatum</i></i>	
12:30	Lunch + poster session (Honor Hall)		
Session 4	13:30	Presentation Post-doc. 2 : Simon Joly :: McGill University <i>A novel method for distinguishing hybridization from incomplete lineage sorting</i>	
	14:00	Presentation Post-doc. 3 : Ali Mokdad :: Université de Montréal <i>Three-dimensional modeling of human precursor MicroRNAs</i>	
	14:30	Presentation Post-doc 4 : Nicolas Rodrigue :: Ottawa University <i>Phenomenological modeling of site-heterogeneities in protein-coding nucleotide sequence evolution using the Dirichlet process prior</i>	
	15:00	Coffee break + poster session (Honor Hall)	
	15:30	Conference 4 : <b>Lior Pachter</b> , Mathematics and Computer Science, University of California at Berkeley, USA <i>Finding the trees in Darwin's forest (M-415)</i>	
16 :30	Awards : <b>Muriel Aubry</b> , Biochemistry Dept. & <b>Jean Meunier</b> , Head of Computer Science Dept. (M-415)		
16 :50	Colloquium closing : <b>Gertraud Burger</b> , Organizer (UdeM) (M-415)		
17:00	Cocktail (Honor Hall)		

Session 3	Session chair : Marcel Turcotte Referees : Hervé Philippe, François Major, Marcel Turcotte
Session 4	Session chair : Sylvie Hamel Referees : Hervé Philippe, François Major
Posters referees	Vladimir Makarenkov