

Symposium sur les biopuces Montreal Microarray Symposium

5^{eme} Édition / 5th Edition

12 - 13 October 2006

Programme / Program

Jeudi 12 octobre / Thursday October 12th

- 08h00 **Inscriptions / Registrations**
- 08h45 **Mot de bienvenue / Welcome address**
Michel Desrochers, Director General, NRC-BRI
- 09h00 **Conférencier Vedette / Keynote Address**
Shotgun Microarrays: High-throughput validation of gene expression changes using multiple platforms.
Roderick Jensen. University of Massachussetts - Worcester, MA
- 10h00 **Genome tiling microarrays for studying DNA-protein interactions and epigenetics.**
Rini Mukherjee Saxena. Agilent Technologies
- 10h30 **Pause & Commanditaires / Refreshment Break & Sponsors**
- 11h00 **Monitoring biopesticide-insect interactions using DNA microarrays.**
Luke Masson. NRC Biotechnology Research Institute - Montreal
- 11h30 **Global changes in microRNA expression during human embryonic stem cell differentiation.**
Christopher Adams. Invitrogen Corporation
- 12h00 **Distinct and overlapping subsets in the gene expression patterns of scleroderma skin.**
Michael Whitfield. Dartmouth Medical School - Hanover, NH
- 12h30 **Transcriptomic profiling of bacterial pathogen: use of selective capture of transcribed sequences.**
Sébastien P. Faucher. Université de Montréal - Montreal
- 12h45 **Correction for estimating error when using the local pooled error statistical test for differential gene expression.**
Carl Murie. McGill University - Montreal

13h00 **Dîner / Lunch**
Session d'affiches / Poster Session
Visite du Laboratoire de biopuces / Tour of the MicroArray Lab
13h30 - Visite en français 13h50 - Visit in English

14h30 **High-throughput gene expression analysis via multiplex PCR.**
Sam Dougarsad. **Beckman Coulter Company**

15h00 **Locating genetic switches in the genome.**
Tae Hoon Kim. **Yale University School of Medicine - New Haven, CT**

15h30 **Proteomic and lipidomic characterization of autoimmune demyelinating disease.**
William H. Robinson. **Stanford University - Stanford, CA**

16h00 **Application of Reverse Phase Protein Arrays for the validation of blood biomarkers.**
André Nantel. **NRC Biotechnology Research Institute - Montreal**

16h30 **Fin de la première journée / Close of the Day 1**

Merci à tous nos partenaires ! Thanks to all our partners !

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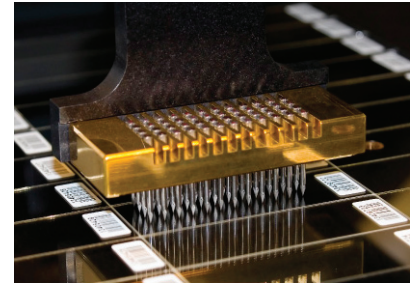
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Vendredi 13 octobre / Friday October 13th

- 08h30 **Inscriptions / Registrations**
- 09h30 **Expression profiling of the breast tumor microenvironment.**
Greg Finak. McGill University - Montreal
- 10h00 **Application of an Escherichia coli DNA microarray in the diagnosis and epidemiology of clinical isolates.**
Guillaume Bruant. Université de Montréal - Montreal
- 10h15 **Development of an oligonucleotide-based DNA microarray for transcriptional analysis of *Choristoneura fumiferana* nucleopolyhedrovirus (CfMNPV) genes.**
Dan-Hui Yang. Guelph University - Guelph, ON
- 10h30 **Pause & Commanditaires / Refreshment Break & Sponsors**
- 11h00 **Using the Affymetrix Exon Array to investigate variation in alternative splicing in a human population.**
Jacek Majewski. McGill University - Montreal
Courtesy of Affymetrix
- 11h30 **Fish get sick too: Arrays for host-pathogen research.**
Laura Brown. NRC Institute for Marine Biosciences - Halifax
- 12h00 **Activated signal transduction kinases frequently occupy target genes.**
Julia Zeitlinger. Whitehead Institute - Boston, MA
- 12h30 **FlexArray – A DNA microarray data analysis software made with life scientists in mind.**
Mathieu Miron. Génome Québec Innovation Centre - Montreal

- 13h00 **Dîner / Lunch**
Session d'affiches / Poster Session
Visite du Laboratoire de biopuces / Tour of the MicroArray Lab
13h30 - Visit in English 13h50 - Visite en français
- 14h30 **Functional genomics: Upstream, downstream and in-between.**
Neil Winegarten. **University Health Network - Toronto**
- 15h00 **Centrifugal "CD" microfluidic platform for automated nucleic acid analysis.**
Jim Zoval. **University of California at Irvine - Irvine, CA**
- 15h30 **Secreted Clusterin mediates TGF- β promotion of epithelial cell plasticity.**
Anne Lenferink. **NRC Biotechnology Research Institute - Montreal**
- 16h00 **Unraveling complex disease through comparative gene expression analysis with L2L.**
John C. Newman. **University of Washington - Seattle, WA**
- 16h30 **Clôture du Symposium / Closing remarks**

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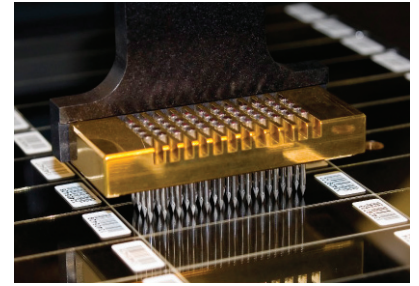
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Symposium sur les biopuces Montreal Microarray Symposium Session d'affiches / Poster Session

1	Hong Zhao	McGill University	<i>Identification of Angiogenesis-Associated Genetic Profiles Using Laser Capture Microdissection and Microarray Analysis</i>
2	Isabelle Gilbert	Université Laval	<i>Identification of makers of oocyte developmental competence found in the bovine granulosa cells using cDNA microarrays.</i>
3	Sébastien P. Faucher	Université de Montréal	<i>Transcriptomic profiling of bacterial pathogen: use of selective capture of transcribed sequences</i>
4	Mathieu Miron	Genome Quebec	<i>FlexArray - A DNA microarray data analysis software made with life scientists in mind</i>
5	Josée Harel	Université de Montréal	<i>Development of new integrated diagnostic test for rapid pathogens identification and characterization</i>
6	Catherine Yoshida	Public Health Agency of Canada	<i>Development of an Oligonucleotide Microarray for Determination of the Five Most Prevalent Salmonella Serotypes in Canada</i>
7	Satyen Baidur	Ottawa Policy Research Associates	<i>Implications of Recent DNA Electrical Conductance Results for Second-Generation MicroArray Technology</i>
8	Guillaume Bruant	Université de Montréal	<i>Application of an Escherichia coli DNA microarray in the diagnosis and epidemiology of clinical isolates.</i>
9	François Bacôt et Daniel Vincent	Genome Quebec	<i>Le génotypage avec la technologie Illumina</i>
10	Dan-Hui Yang	University of Guelph	<i>Development of an oligonucleotide-based DNA microarray for transcriptional analysis of Choristoneura fumiferana nucleopolyhedrovirus (CfMNPV) genes</i>
11	Haiying Chen	McGill University	<i>Gene Expression Analysis of Breast Cancer Epithelium and Stroma</i>
12	Eduardo Taboada	Public Health Agency of Canada	<i>Accumulation of Genomic Heterogeneity Within Clonal Isolates of Campylobacter jejuni</i>
13	Jamie Surprenant	McGill University	<i>Using Microarrays to Identify Novel Antifungal Drug Targets</i>
14	Kei Chin Cheng	McGill University	<i>A Soybean Transcriptome Analysis And Annotation Database</i>
15	Gerardo Diaz	NRC-IMI	<i>Towards Low Cost Disposable High Throughput Screening Devices</i>
16	Anne Lenferink	NRC-BRI	<i>Secreted Clusterin Mediates the TGF-beta Promotion of Epithelial Cell Plasticity</i>
17	Julien Goure	Université de Montréal	<i>Identification par hybridation génomique comparative des gènes conservés parmi les 15 sérotypes d'Actinobacillus pleuropneumoniae</i>
18	Kristyn Franklin	Public Health Agency of Canada	<i>Investigation of the relationship between virulence and antimicrobial resistance in Salmonella using a DNA microarray based strategy.</i>