



microRNA 2012
International Symposium

Programme*

Sunday, 25 March 2012	
12.00 - 2.00 pm	Arrival
2.00 - 6.00 pm	Workshops Session – New Technologies to the Study of MicroRNAs 2.00 am – 5.00 pm
2.00 pm	<i>Exploring Circulating miRNAs as Blood-Based Diagnostic Biomarkers</i> Keith W. Jones, PhD - Vice President, Biological Sciences – Affymetrix
3.00 pm	<i>MISeq Personal Sequencer for Analysis of Small RNA</i> Carolina Almeida - Field Applications Scientist - Illumina Brasil Gordon Spangler - Field Applications Scientist - Illumina US
4.00 pm	<i>The miRNA revolution: microRNA biogenesis, function and analysis.</i> Julien Calais - QIAGEN Application Scientist
5.00 pm	<i>Early detection of colorectal cancer using microRNA biomarkers in patient blood sample</i> Torben Helledie – Exiqon
6.30 pm	Opening of Conference Chair: Silvia Rogatto, Patricia Reis (Sao Paulo State University, Brazil) Thomas D. Schmittgen (Ohio State University, USA) <i>Regulation of microRNA processing in development, differentiation and cancer.</i>
7.10 pm	Keynote Lecture Wan Lam (BC Cancer Agency and University of British Columbia, Canada) <i>Human cancer non-coding RNA transcriptomes</i>
8.00 pm	Buffet



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Monday, 26 March 2012	
	<p>Morning Session - MicroRNAs in Cancer 8.10 am – 12.00 pm Chair: Silvia Rogatto, Patricia Reis (Sao Paulo State University, Brazil)</p>
8.10 am	<p>Junia V. Melo (Adelaide University, Australia) <i>microRNA alterations in leukemia</i></p>
8.50 am	<p>Raphael B Parmigiani (Ludwig Institute for Cancer Research, SP, Brazil) <i>Role of microRNAs in colorectal tumor</i></p>
9.20 am	<p>Silvia Rogatto (Sao Paulo State University and AC Camargo Hospital, Brazil) <i>Integrative analysis in cancer reveals microRNAs as potential regulators in penile carcinomas</i></p>
10.00 am	<p><i>Coffee break</i></p>
10.20 am	<p>Edna Teruko Kimura (University of Sao Paulo, Brazil) <i>microRNAs in thyroid oncogenesis</i></p>
10.50 am	<p>Katia Ramos Moreira Leite (University of Sao Paulo - USP, Brazil) <i>Deregulated genetic pathways in urologic diseases: role of miRNAs in tumorigenesis</i></p>
11.20 am	<p>Mark E. Hatley (St. Jude Children's Research Hospital, USA) <i>MicroRNAs in lung tumorigenesis</i></p>
12.00 - 1.30 pm	<p><i>Lunch and Technical Presentation – Life Technologies</i></p> <p>1) <i>Life Technologies microRNA portfolio: From discovery to validation</i> <i>Guilherme Mendes, PhD (Field Applications Scientist)</i></p> <p>2) <i>miRNA Detection and Profiling using Anti-miRNA Beads</i> <i>Tom Xu (Principal Scientist)</i></p>



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	<p>Evening Session – MicroRNAs in Plants 1.30 pm – 4.15 pm Chair: Fabio Nogueira (Sao Paulo State University, Brazil)</p>
1.30 pm	<p>Fabio Nogueira (Sao Paulo State University, Brazil) <i>Small RNA-regulated pathways associated with vegetative and reproductive organ development</i></p>
2.10 pm	<p>Marja Timmermans (Cold Spring Harbor Laboratory, New York, USA) <i>Epigenetic mechanisms in cellular differentiation and the role of small RNAs in plant development</i></p>
2.50 pm	<p>Paulo Ferreira (Federal University of Rio de Janeiro - UFRJ, Brazil) <i>Epigenetic regulation of the sugarcane genome</i></p>
3.20 pm	<p>Javier Palatnik (Universidad Nacional de Rosario, Argentina) <i>Biogenesis and action of plant microRNAs</i></p>
3.50 pm	<p><i>Coffee break/Poster</i></p>
	<p>Evening Session – Bioinformatics and MicroRNAs 4.10 pm – 5.30 pm Chair: Fabio Nogueira, Patricia Reis (Sao Paulo State University, Brazil)</p>
4.10 pm	<p>Renato Vicentini (Centro de Biologia Molecular e Engenharia Genética, UNICAMP, Brazil) <i>Bioinformatic identification of small RNAs and targets in plants</i></p>
4.40 pm	<p>Igor Jurisica (Ontario Cancer Institute, University of Toronto, Canada) <i>Advanced bioinformatics for microRNA target prediction and data analysis</i></p>



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Monday, 26 March 2012	
	<p>Oral Presentation Session (Selected Abstracts) 5.30 pm- 6.20 pm Chair: Cesar Martins (Sao Paulo State University, Brazil)</p>
5.30 pm	<p><i>Whole Genome Transcriptome Analysis Reveals miR-29a targets Involved in Self-Renewal, Apoptosis and Epigenetic Regulation, Including Central Components of Active Demethylation and Maintenance of DNA Methylation Status</i> Lucila Habib Bourguignon Oliveira (University of Sao Paulo, Brazil)</p>
5.40 pm	<p><i>Identification of a Novel Prognostic microRNA Signature in Mantle Cell Lymphoma</i> Patricia Reis (Sao Paulo State University, Brazil)</p>
5.50 pm	<p><i>Developmental genes network of haploid Apis mellifera male embryo</i> Camilla Valente Pires (University of Sao Paulo, Brazil)</p>
6.00 pm	<p><i>miR-29a Target Components of Cell Methylation Status and Pluripotency-Related Pathways: A Step Forward in Cell Reprogramming.</i> Mariane Serra Fráguas (University of Sao Paulo, Brazil)</p>
6.10 pm	<i>Open for Questions</i>
6.20 – 8.00 pm	<i>Dinner</i>
	<p>Poster Session 8.00 pm- 9.00 pm</p>



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Tuesday, 27 March 2012	
	<p>Morning Session – MicroRNAs in Aging, Development and Evolution 8.10 am – 12.00 pm Chair: Robson Carvalho (Sao Paulo State University, Brazil)</p>
8.10 am	<p>Francisco Enguita (University of Lisbon, Portugal) <i>MicroRNAs and aging</i></p>
8.50 am	<p>Andrea Münsterberg (University of East Anglia, UK) <i>MicroRNA regulation and developmental timing of myogenesis</i></p>
9.30 am	<p>Eric C. Lai (Sloan Kettering Institute, USA) <i>Evolution and functional diversity of miRNA genes in animals</i></p>
10.10 am	<p><i>Coffee break/Poster</i></p>
10.30 am	<p>John J McCarthy (University of Kentucky Medical Center, USA) <i>microRNAs in skeletal muscle plasticity</i></p>
11.30 am	<p>Closing Session Silvia Rogatto, Robson Carvalho (Sao Paulo State University, Brazil)</p>
12.00 pm	<p>Departure</p>

* Programme may be subject to change.