The Canadian Bioinformatics Resource For Industry (CBRi) presents:

Microarray Analysis

ABOUT THE COURSE

This hands-on course will introduce students to the principles and practice of microarray analysis. Upon completion, the participants will have a working knowledge of computational methods used in microarray analysis, including clustering, correlation analysis, principal component analysis and neural networks. Participants will be able to use readily available software tools to facilitate their analysis or design of microarrays.

WHO CAN BENEFIT?

- Biotechnology professionals and managers seeking an applied introduction to the principles and practice of microarray analysis
- Researchers interested in expanding their work into the area of microarray technologies and microarray alternatives
- Research technologists, research assistants and graduate students wishing to apply basic computational tools to enhance their research and laboratory expertise
- Computer professionals wishing to expand their skills and experience into the field of microarray technologies and microarray alternatives

COURSE CONTENT

When you have completed this course you will have learned a wide variety of topics and subjects including:

- Gene Sequencing and Gene Identification
- Methods for Measuring Gene Expression
- Designing/Finding Microarray Oligos
- MIAME and Microarray LIMS
- Microarray Databases and Freeware or Web Tools
- Microarray Strengths and Limitations
- Microarray Math and Stats
- 2-Colour (Glass Slide) Microarray analysis
- Affymetrix Gene Chip Analysis
- GeneSpring and GenePublisher

ABOUT THE INSTRUCTOR

Dr. Wishart is a Professor of Computing Science at the University of Alberta. He currently holds the Bristol-Myers Squibb Chair in Protein Chemistry and in 2003 was cross-appointed as research scientist with the NRC's National Institute for Nanotechnology (NINT). He is co-founder of BioTools Inc. (a Bioinformatics company) and Chenomx Inc. (a Metabonomics company). Dr. Wishart is also a co-founder of the Canadian Bioinformatics Workshops – a national Bioinformatics training program that has been in operation since 1999.

WHEN:	WHERE:	COST:
MAY 4-5, 2004 9:00AM – 6:00 PM	BURNABY, B.C. CBRI FACILITY AT BCIT-BURNABY CAMPUS GAIT BLDG NE25, 3RD FLR, RM 304	$795.00 (PLUS GST) EARLY BIRD $695.00 (PLUS GST) EARLY BIRD DEADLINE: APRIL 21TH, 2004

REGISTRATION: Only 12 spaces!!

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REGISTRATION

Please include a separate application form and fee for each individual.

Fax: (613) 746-6653

COURSE FEE

	Item	Cost
✔	Registration Fee – Microarray Analysis	**$795.00 (plus GST)**
	Early Bird Discount offered to those who register prior to April 21st, 2004.	**$695.00 (plus GST)**
	TOTAL:	

*Authorization Information (for confirmation):

Name: _____

Title: _____

Organization: _____

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Last Name			First Name		Middle Initial
Address			City		Province
Postal Code	Telephone (Home)	Telephone (Work)	E-mail		

To better gauge the experience of registrants in order to ensure the course suits your background, please attach a brief summary that describes your bioinformatics experience or level.

For more information visit www.vitesse.ca