The Canadian Bioinformatics Resource For Industry (CBRi) presents:

Hands-On Workshop: Bioinformatics Tools and their Use in Drug Target Discovery

ABOUT THE COURSE

This hands-on course will give participants the ability to use bioinformatics software as part of a genomics-based drug target discovery process. Upon completion, participants will be able to use readily available software packages to help characterize a potential target. Participants will be instructed how to use this software in more advanced ways than commonly used.

WHO CAN BENEFIT?

- Biotechnology professionals and managers seeking an applied introduction to the area of bioinformatics and drug target discovery
- Researchers interested in expanding their work into the area of drug target discovery
- Research technologists and assistants wishing to apply basic bioinformatics tools to enhance their research and laboratory expertise
- Computer professionals wishing to expand their skills and experience into the expanding field of drug discovery

COURSE CONTENT

When you have completed this course you will have learned approaches and skills that will allow you to analyze DNA and protein sequences with a wide variety of tools. Specifically, you will:

- Understand the theory behind sequence alignment and searching and become adept at performing both pair wise and multiple sequence alignments
- Be able to run and interpret DNA and protein BLAST with more than just the default parameters
- Be capable of applying different approaches to gene prediction
- Learn about selected publicly available databases and tools for 2-D and 3-D protein structure and function prediction and analyses
- Access the genome database Ensembl through more than just the web interface
- Learn hands-on how open source tools such as BioPerl can make researching easier

ABOUT THE INSTRUCTOR

Dr. Ryan Brinkman has been involved in bioinformatics for 10 years, undertaking research in molecular biology and bioinformatics. Dr. Brinkman has held positions at Health Canada, the Children's Hospital of Eastern Ontario, the Washington University Genome Sequencing Center in St. Louis and most recently at Xenon Genetics Inc., where he led the bioinformatics group that helped identify several genomics-based drug targets.

WHEN:	**WHERE:**	**COST: $850.00** (GST INCLUDED)
NOVEMBER 10-12, 2003 9:00AM – 5:00 PM	BURNABY, B.C. CBRI FACILITY AT BCIT-BURNABY CAMPUS GAIT BLDG NE25, 3RD FLR, RM 304	**DEADLINE:** WEDNESDAY, NOVEMBER 5, 2003

REGISTRATION:

PLEASE FILL IN THE REVERSE SIDE OF THIS PAMPHLET AND FAX IT TO (613) 746-6653 OR VISIT WWW.VITESSE.CA

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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	**$850.00 (GST included)**
	10% Early Bird Discount offered to those who register prior to October 25, 2003.	
	TOTAL:	

*Authorization Information (for confirmation):

Name: _____

Title: _____

Organization: _____

PAYMENT INFORMATION

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Title:	☐ Mr.	☐ Mrs.	☐ Ms.	☐ Miss	Other _____
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