



Rob Holt and Rene Warren

<http://www.bcgsc.ca/faculty/rholt/>

Canada's Michael Smith Genome Sciences Centre

Exploring ectopic expression in E.coli hybrid cells

Engineered microbes are of great potential utility in biotechnology and basic research. For whole genome engineering, compatibilities of genetic material between microbes must be explored. We have developed a system for constructing large episomal elements in E.coli and have reassembled portions of the H.influenzae genome in an E.coli host, with the long term aim complete genome exchange. We have explored gene incompatibilities between E.coli, H.flu and other bacteria, and we have gathered extensive data on expression of exogenous DNA in E.coli that suggests cross-talk in gene regulation between E.coli and other organisms is extensive. These results will be discussed

Introductory Presentation (10 mins):

Chi Kin Ho, F. Brinkman lab, SFU

Computationally identifying novel essential genes, including non-coding RNAs, in intergenic sequences in bacterial genomes

Wednesday, February 13, 2008, 6:00 pm

Note different day

Gordon and Leslie Diamond Family Theatre,
BC Cancer Research Centre,
675 West 10th Avenue



CIHR/MSFHR
BIOINFORMATICS
TRAINING PROGRAM FOR HEALTH RESEARCH



<http://vanbug.org>