



presents Guest Speaker :

Jack Chen

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Genomics Data Mining for Personalized Medicine

Understanding the mechanisms underlying life and causes of most diseases demands a global view and understanding of genes in the entire genome. The accomplishment of the Human Genome Projects and success of many subsequent advances in genomics have made it possible to examine the expression and function of many genes simultaneously. However, the availability of these data sets and resources has not provided immediate insight into the mechanisms underlying our lives, nor has it provided cures to numerous devastating diseases. My laboratory is interested in developing bioinformatics and genomics data mining programs and in applying these programs in identifying novel genes, structural variations, and regulatory mechanisms. The ultimate goal is to understand, using combined computational and experimental approaches, gene structure, function, and regulation in health and disease conditions. Such understanding will eventually lead to the practice of personalized medicine.

Student Presentation (10 mins):

Simon Chan, BC Genome Sciences Centre (Jones Lab)

A Bioinformatics Meta-analysis of Differentially Expressed Genes in Colorectal Cancer

Thursday, October 11, 2007, 6:00 pm

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



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