VanBUG

presents Guest Speaker:

Cédric Chauve

Department of Mathematics, Simon Fraser University

Reconstructing Ancient Genome Architechtures

Paleogenomics aims at reconstructing the genomes of extinct species, whose DNA can not be sequenced due to molecular decay. Hence the only possible approach is the study of current genomes (i.e. descendants of these extinct species) to detect conserved features that might indicate ancestral genomic characters and then to assemble these characters into ancestral genomes. In this talk I will describe recent (successfull?) efforts to reconstruct the architecture of ancient vertebrate genomes, from placental mammalians to amniotes.

Introductory speaker (10 mins):

Christian French, Chen lab, SFU

Genome comparison of human and non-human malaria parasites reveals species-specific genes potentially linked to human disease

Thursday, September 8, 2011, 6:00 pm

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

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