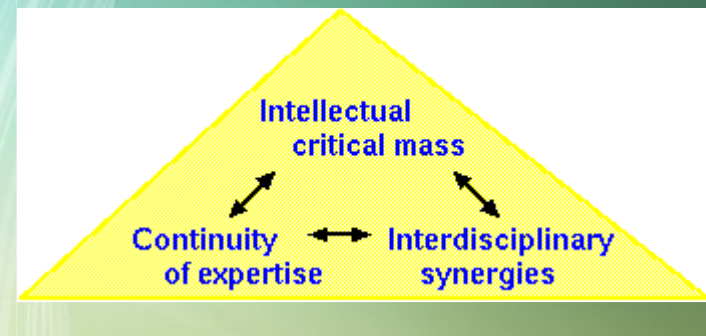# Bio Information Technologies Lab

Located in Agriculture 306B, Department of Plant Science

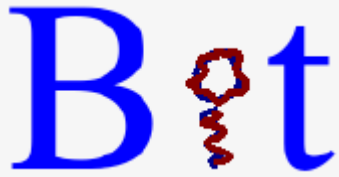## Bioinformatics Services, Resources and Collaborations

- Genome assembly and annotation
- Microarray/Transcriptomics
- Systems Biology/Pathway analysis
- Databases
- Data pipelines
- Custom software and programming
- Project Wikis
- Lab group computer management

Let us help you write the bioinformatics component of your next grant proposal.

http://home.cc.umanitoba.ca/~frist/Bit

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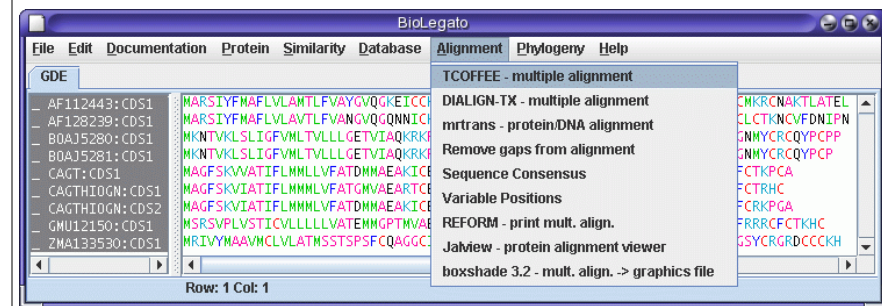
Bio Information Technologies Laboratory
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How to work with us

Collaborations - The best model is for us to work with you from the very beginning of your grant proposal process. We have experience in genomics projects, particularly those funded by Genome Canada. As well, a collaboration with a bioinformatics group will add credibility to your application. The grant is written with line items for FTEs to work in our lab, serving your project, along with minimal costs for overhead, equipment and supplies. We administer the bioinformatics part of the budget, and work with your lab group on a day to day basis for the duration of the project.

Fee for Service - For short one-off tasks, such as writing a script or processing and hosting a dataset, we can accept fees for service, through departmental budgets.

We are an experienced team of bioinformaticians, biologists and computer scientists.

The BioLegato graphic interface, developed by our team, makes it easy for laboratory scientists to run the latest bioinformatics programs in a simple point and click fashion. We can rapidly develop BioLegato interfaces for almost any kind of work you lab needs to do.

Our group works with genomics projects, as well as conducting independent research in bioinformatics. We routinely develop both data pipelines and end-user software.