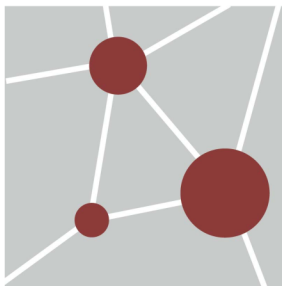**bioinformatics.ca**

25 years 1999 - 2024

2024 Workshop Program
Canadian Bioinformatics Workshop Series

REGISTRATION AWARDS AVAILABLE

Pathway and Network Analysis

Date
June 26-28, 2024 - Toronto, Ontario
November 11-December 6 - Online Asynchronous
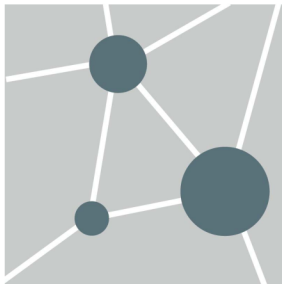
Faculty
Veronique Voisin, Ruth Isserlin, Gary Bader, Lincoln Stein, Gregory Schwartz

Course Description
The CBW has developed a 2.5 day course covering the bioinformatics concepts and tools available for interpreting a gene list using pathway and network information. The workshop focuses on the principles and concepts required for analyzing and conducting pathway and network analysis on a gene list from any organism, although focus will be on human and model eukaryotic organisms. Participants will gain practical experience and skills to be able to:

- Get more information about a gene list;
- Discover what pathways are enriched in a gene list (and use it for hypothesis generation);
- Find out how a set of genes is connected by e.g. protein interactions and identify pathways, systems and modules within this network;
- Predict gene function and extend a gene list

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