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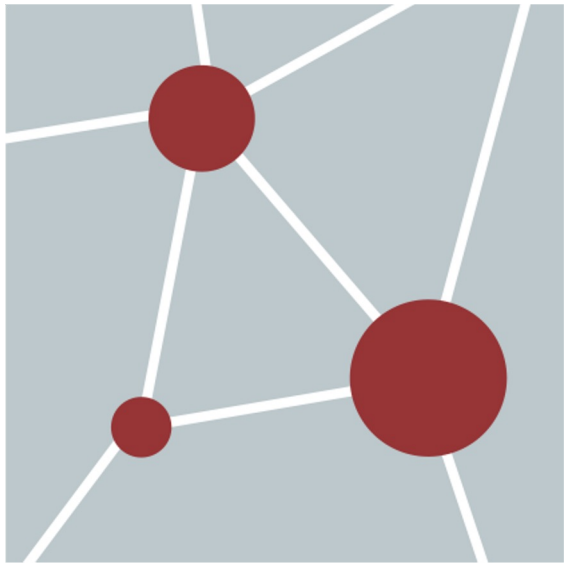
Module 3: Network Visualization and Analysis: Cytoscape lab

Ruth Isserlin

Pathway and Network Analysis

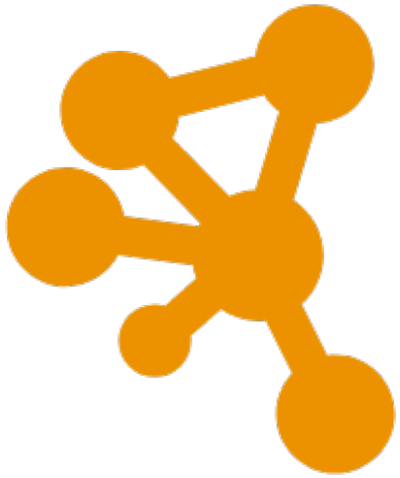
June 26-28, 2024



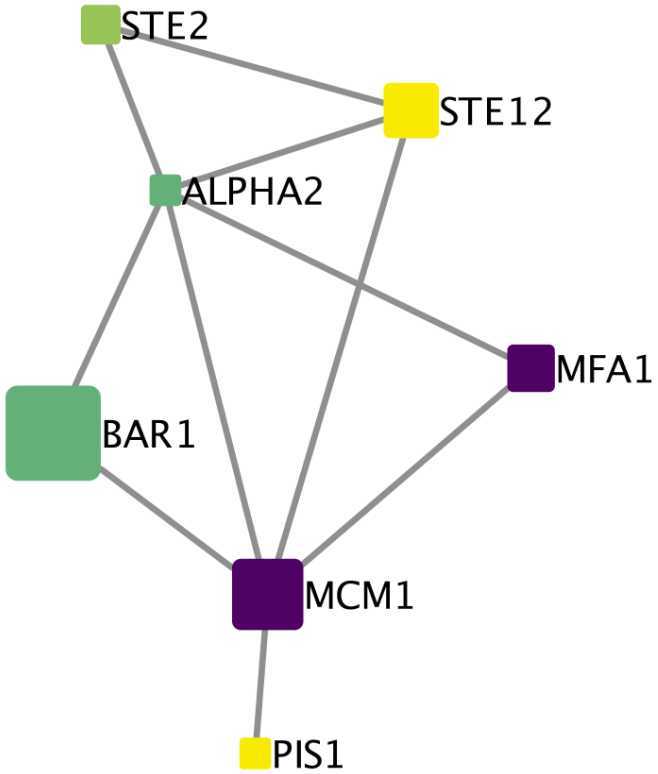
Learning Objectives of Module

- By the end of this lab, you will:
  - Be able to to create simple networks with **Cytoscape** using different data types and make use of basic cytoscape functions to visualize multiple aspects of the data.

Part 1:



Cytoscape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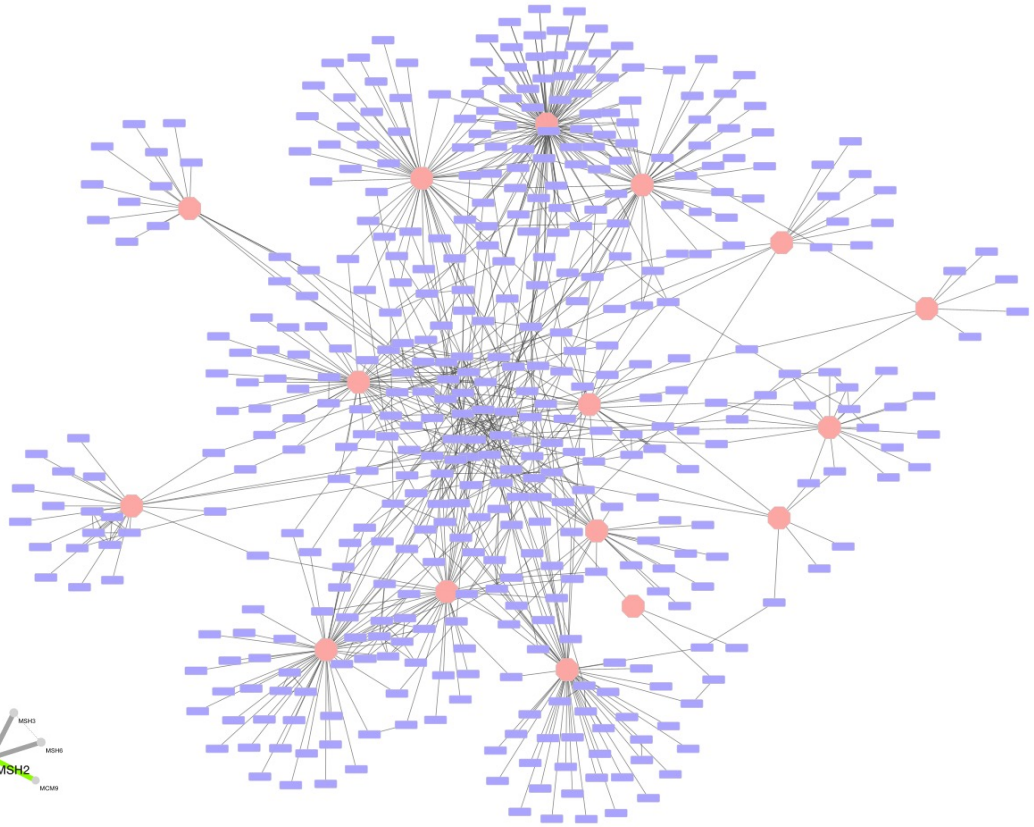
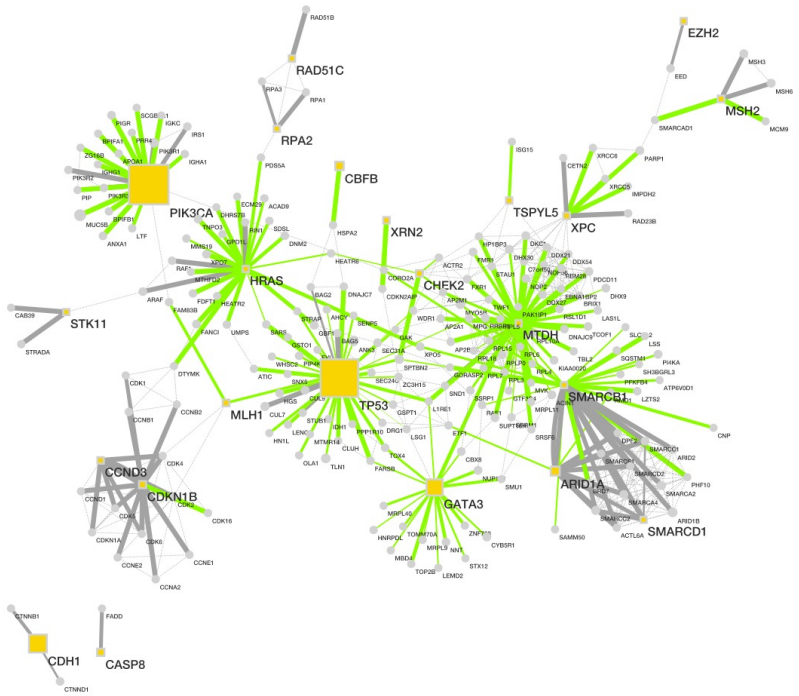
ALPHA2
MFA1
BAR1
MCM1
PIS1




RAD51B
RAD51C
RPA2
CBFB
PIK3CA
XRN2
HRAS
CHEK2
TSPYL5
XPC
EZH2
MSH2
STK11
MLH1
TP53
MTDH
SMARCB1
CCND3
CDKN1B
GATA3
ARID1A
SMARCD1
CDH1
CASP8

Time to start practical part:

Cytoscape Primer

- Go the the CBW course page and go to module 3.
- Open the ‘Lab practical Cytoscape Primer’ document.
- Download required files on your computer.
- Do the exercise at your own pace and ask teaching assistants for help or questions.

We are on a Coffee Break & Networking Session

Workshop Sponsors:

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