

**Master projects** in gene network research (a.k.a. systems biology) are available at the Science For Life Laboratory (Stockholm)

Your project will be dedicated to understanding an important disease in the gene network context.

Possible topics include:

1. Networks combining molecular and phenotypic data;
2. Molecular heterogeneity of tumors and cancer therapy;
3. Causality in network models;
4. Network topology analysis;
5. Prognostic signature and biomarker discovery;
6. Functional annotation and analysis of high-throughput datasets.

Students must have a background in statistics/ mathematics/ computer science and either biology or medicine. This can imply formal education in one field and certain experience in the other. The candidates are expected to have high level of motivation to solve scientific problems by developing and applying advanced analytical tools.

After successfully completing a master project, we could consider opportunities to continue as PhD student

See also this newly developed resource:

<http://funcoup.sbc.su.se/>

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<http://www.sbc.su.se/~andale/cv/index.htm>