PhD Course: **Computational systems biology, 3 ECTS**
For the swedish national research school within medical bioinformatics ([https://www.medbioinfo.se/](https://www.medbioinfo.se/)) we will give a PhD course in Computational Systems Biology. The course is intensively thought and scheduled 8-17 during 11-15 May 2020 in Linköping, and will be taught by multiple invited teachers. The topics covered are:

- Topological networks analysis in medicine
- Reverse-engineering of biological networks from experimental data
- Usage of disease-modules for increasing interpretability of complex disease data
- Mathematical modelling of dynamical molecular data

We will work with both theory and practical exercises in the programming language R.
Approximately 10 seats are available for LiU students. Please contact mika.gustafsson@liu.se if interested as soon as possible.
Best wishes,
Mika Gustafsson
Associate Professor in Translational Bioinformatics IFM