ChIP-seq data analysis

Stockholm, 23-24 November 2017

Olga Dethlefsen, Agata Smialowska

NBIS, National Bioinformatics Infrastructure Sweden

Thursday

Room: Gamma 6, Pascal

08.45 - 09.00 pre-course coffee

09:00 - 09.30 Welcome, incl. getting to know each other

09.30 - 10.30 Lecture: ChIP-seq data analysis principles (Agata Smialowska)

10.30 - 12.00 Practicals: ChIP-seq data processing (Olga Dethlefsen, Verena Kutschera)

12.00 - 13.00 lunch

13.00 - 16.15 Practicals: ChIP-seq data processing continues (Olga, Verena)

16.15 - 17.00 Group discussion: ChIP-seq data processing (Olga, Verena, Jakub Westholm)

Friday

Room: Gamma 6, Pascal

09.00 - 09.30 Lecture: Beyond data processing (Olga)

09.30 - 12.00 Practicals: Differential binding analysis (Agata, Olga, Jakub Westholm)

12.00 - 13.00 lunch

13.00 - 14.00 Introduction to SciLifeLab NGI ChIP-seq pipeline (Phil Ewels)

14.00 - 16.00 Practicals: ChiP-seq data processing and/or differential binding (Agata, Olga, Jakub)

16.00 - 17.00 Group discussion: what have we learned and what is still waiting (Agata, Olga, Jakub)

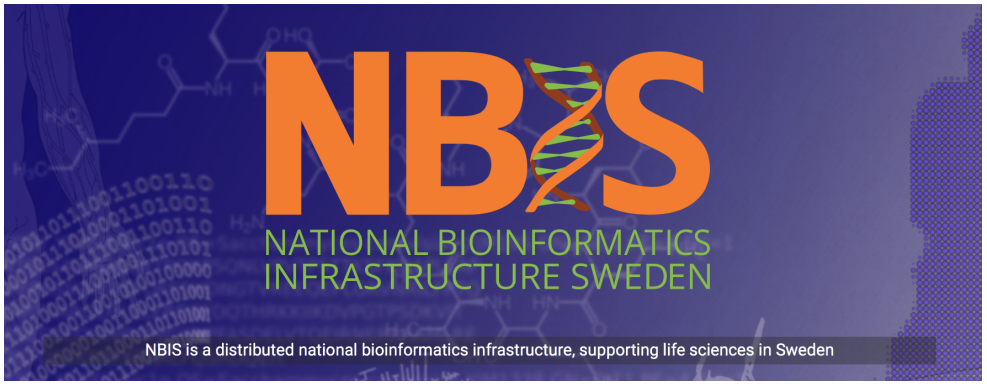
Course materials

Github: https://github.com/NBISweden/course_chipseq

Github preview: https://olgadh.github.io

Uppmax: /sw/courses/ngsintro/chipseq/1711

Uppmax: /proj/g2017022



Support

Support services ranging from short consultation, consultancy to long-term embedded bioinformaticians.

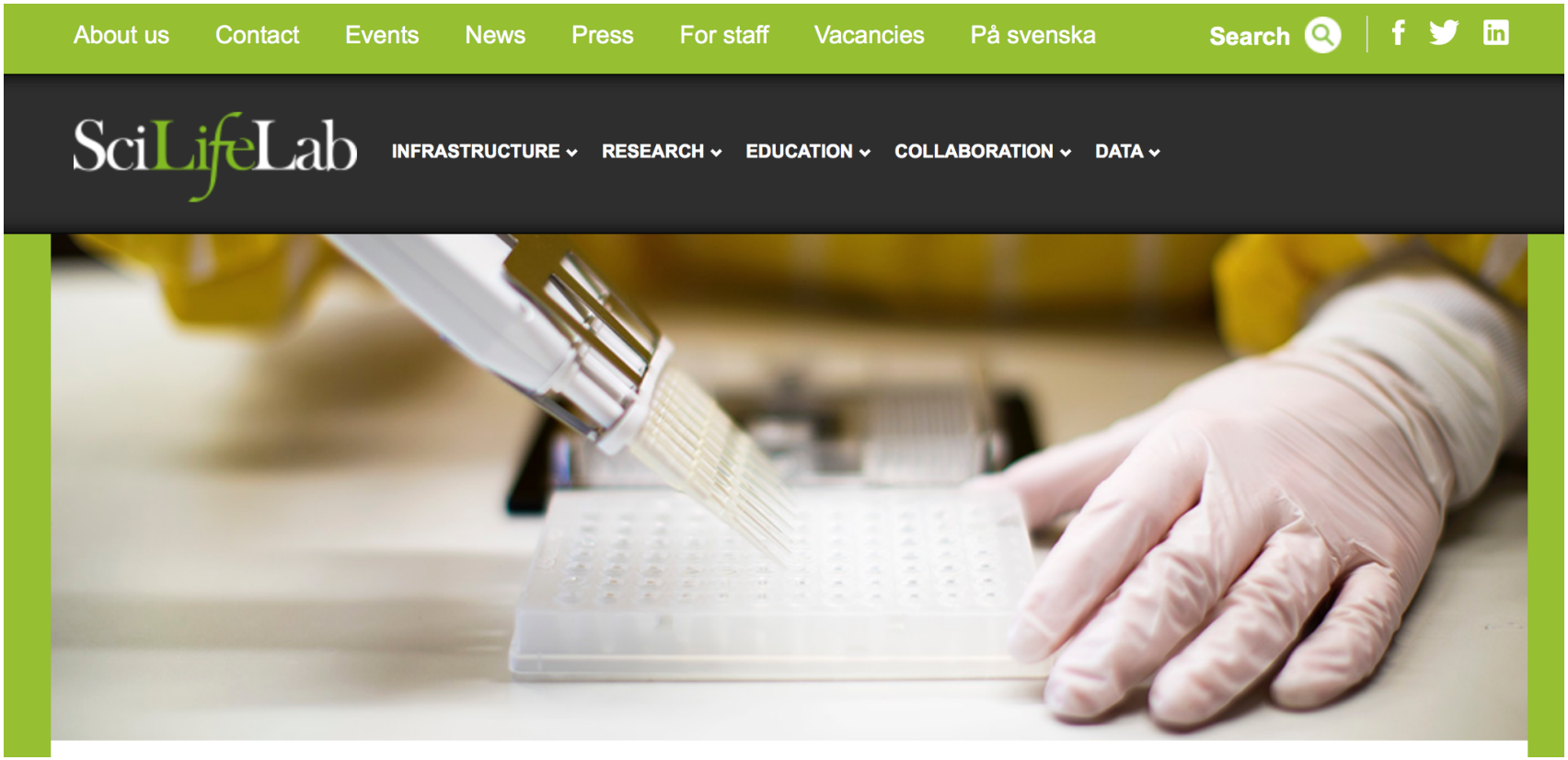
Infrastructure

Providing infrastructure in the form of services, computational resources, tools and guidelines to the life science community.

Training

Training events in advanced and applied bioinformatics.

More: https://nbis.se



Karolinska Institutet

KTH Vetenskap och konst

Stockholms universitet

Uppsala Universitet

More: https://www.scilifelab.se

What about us?