

# ChIP-seq data analysis

Stockholm, 23-24 November 2017

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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)

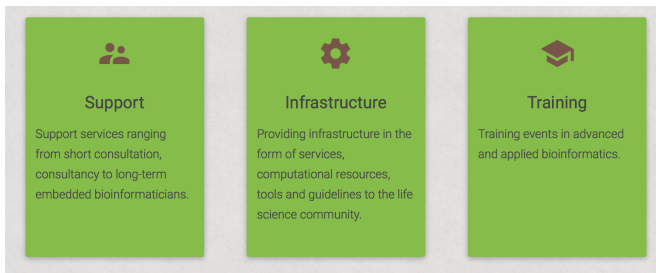
## Course materials

**Github:** [https://github.com/NBISweden/course\\_chipseq](https://github.com/NBISweden/course_chipseq)

**Github preview:** <https://olgadh.github.io>

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

**Uppmax:** /proj/g2017022



SciLifeLab



More: <https://nbis.se>



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More: <https://www.scilifelab.se>

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