



Introduction to Bioinformatics using NGS data

Martin Dahlö

2023-02-06

SciLifeLab, NBIS and NGI

SciLifeLab services

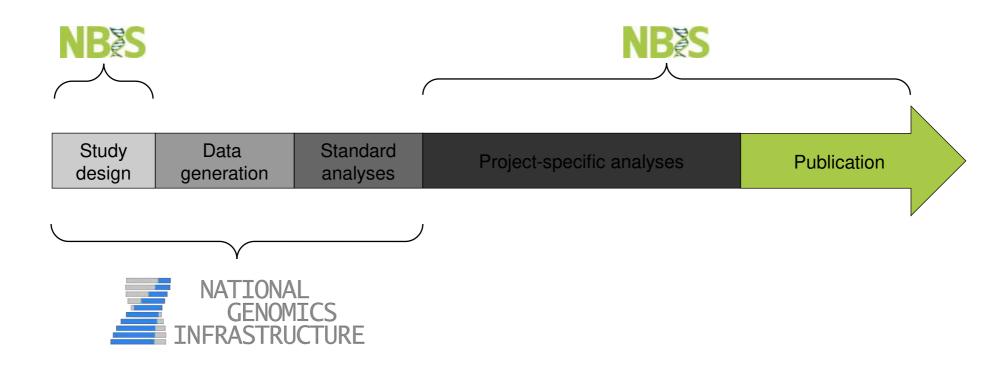








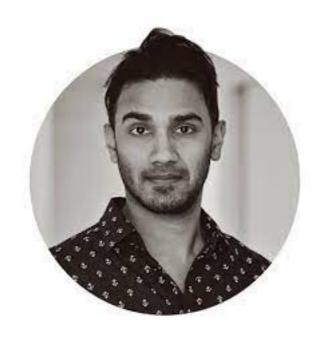
Teachers on this workshop are from NBIS and NGI







Workshop organizers







Roy Francis

Malin Larsson

Martin Dahlö





NBIS Bioinformatic Support

- Drop-in sessions every week @ all 6 sites
 - Online (Zoom) Tuesdays at 14.00, for free
- Study design and project consultation
 - Three hours per project, for free
- Fee-for-service support
 - User fee 800 SEK per hour, however many hours you may need
 - No selection process, all project are welcome
- Long-term support
 - Selection process based on scientific peer-review
 - A total of 500 hours, for free
- Partner Projects
 - Full-cost model: utilize and pay for 50% of one NBIS FTE





NBIS Training

Some example NBIS courses

- Introduction to bioinformatics using NGS data
- Bulk and single-cell RNA-seq
- Python and R programming
- Tools for reproducible research
- Omics integration and systems biology
- Biostatistics and machine learning

Check out our training catalogue:

https://uppsala.instructure.com/courses/79097









More information about NBIS on Friday!





Practical information

Lectures

- Mainly live in the classroom in Uppsala.
- Streamed via zoom to Lund and Umeå.
- Lets help out to make sure that questions are heard in all classrooms!





Labs

- Instructions available in Canvas:
 - https://uppsala.instructure.com/courses/76870
 - All material listed under "Contents"
- Work in pairs because it improves the learning.
- TAs available in your classroom





Attendence and certificate

Those that attend the full workshop* will get a certificate.

- *Attendence at all lectures and labs
- *Labs done (to the basic level)
- *Let us know if you need to miss a session

The certificate will not state number of credits. It will say that this was a full weeks workshop and what topics were covered.

Please fill in attendence sheets on the wall!





Breaks

Coffe is ordered for 10:00 and 14:30 every day May adjust times a bit depending on lectures

Lunch booked at 12:00 every day

Uppsala:

Lund:

Umeå





Course dinner

Wednesday 18:00

Uppsala: Koh Phangan, Fyristorg 2

Lund:

Umeå:

Please sign up on the list in the classroom on Monday!









Questions?

Please ask questions and take part in discussions trough out the workshop!