



Course advertisement

Bioinformatics and Next Generation Sequencing 2024

Within this course you will learn important bioinformatic concepts and tools and in particular focus on the analysis of Next Generation Sequencing datasets with many examples and exercises.

The course is open to all PhD students. Students of the PhD Program Biomedicine (BioMed) have priority.

Date	Topic	Time
Tue 12 th Nov 2024	Introduction to R	09:30-17:00 GMT
Tue 19 th Nov 2024	Introduction to Unix and Sequencing QC	09:30-17:00 GMT
Tue 26 th Nov 2024	RNA Seq Data Analysis	09:30-17:00 GMT
Tue 3 rd Dec 2024	10X single cell RNA Seq Data Analysis	09:30-17:00 GMT
Tue 10 th Dec 2024	Extracting Biological Information from Gene Lists	09:30-17:00 GMT

Room	via Zoom, details to follow
Type	Interactive Course with many hands-on exercises
Requirement	Basic bioinformatics knowledge is recommended
Recommendation	PhD students that will work with NGS datasets
Maximum participants	20
Further information	BioMed Coordinating Office (andrea.schmitz-derron@uzh.ch) and here https://www.bioinformatics.babraham.ac.uk/training.html
Credit points	3 ECTS (exercises within the course)
Registration	By e-mail to andrea.schmitz-derron@uzh.ch until Friday 11th October 2024 including the registration form. If the number of applications exceeds the maximum number of possible participants, priority will be given to BioMed students and those working with NGS datasets.
Fees	Free of charge for LZSGS PhD Students. In case of late cancelation (after Oct 22 th) or no-show, we will charge a fee of CHF 250.