Course name: High throughput data analysis with R  |  Credits: 6 ECTS

Class type: On-line lectures + individual practice  |  Hours per week:

Type of the exam:

Prerequisites (if exist):
Courses:
- Biological data analysis with R

Course description:
- Flow cytometry: counting and sorting stained cells
- Next-generation sequencing: introduction and genomic applications
- Quantitative transcriptomics: qRT-PCR
- Advanced transcriptomics: gene expression microarrays
- Next-generation sequencing in transcriptomics: RNA-seq experiments
- Analysis of DNA-protein interactions: chromatin immunoprecipitation

Required reading:


Lecturer (name, position, degree): Balázs Ligeti, assistant professor, PhD

Additional lecturers, if exist: