

Bioinformatics User Course

Bucharest 24 May 2018

Room 304 - second floor, Institute of Biochemistry of the Romanian Academy (IBAR)

Programme

This course provides an introduction to popular bioinformatics tools for genomics and proteomics and is intended for participants with a biology/chemistry background.

Morning session: Genomic Bioinformatics	
10:00 – 13:00	<ul style="list-style-type: none">• <i>Ensembl genome browser and specific tools for gene analysis.</i>• <i>Data mining and processing using BioMart and VeP</i>
13:00 – 14:00	<i>Lunch break / Free time</i>
Afternoon session: Proteomic Bioinformatics	
14:00 – 17:00	<ul style="list-style-type: none">• <i>UniProt database. Protein sequence alignment methods and resources.</i>• <i>IntAct database / molecular interactions resources at EMBL-EBI</i>

Trainers

Principal trainer: Adina Milac

Assisting trainers: Eliza Martin, Gabriela Bunu

Room and technical information

Our training room provides several desktop computers which the users can use (1 or 2 users per computer), however for a more direct experience it is recommended to bring your own laptop if possible. If you will use your laptop, please make sure that it has up-to-date browsers (IE, Chrome, Firefox) and an up-to-date Java. This will be required to run the practical exercises during the course.