



Schedule day 1

09.00	General introduction to bioinformatics and overview of the course
09.15	Topic 1: Sequence comparison – an overview
10.00	<i>Short break</i>
10.10	Topic 2 Theory: Local alignments: BLAST
11.00	Topic 2 Exercises: BLAST performed in CLC Workbench and NCBI website.
12.30	<i>Lunch</i>
13.30	Topic 3 Theory: Global alignments
14.30	<i>Short break</i>
14.45	Topic 3 Exercises: Alignments exercises: parameters, editing, different tools etc.
16.30	Finishing the day: summary and sharing of experiences.
17.00	<i>End of day 1</i>

Schedule day 2

09.00	Topic 4 Theory: Phylogenetics
10.00	<i>Short break</i>
10.15	Topic 4 Exercises: Different algorithms and tools
12.30	<i>Lunch</i>
13.30	Topic 5 Theory: RNA structure
14.30	<i>Short break</i>
14.45	Topic 5 Exercises: Mfold tools
16.15	Finishing the day and the course: summary and sharing of experiences. Evaluation of course.
17.00	<i>End of course</i>