



Bacterial Metagenomics: from experimental design to data analysis

Place: online workshop

Availability: for max. 23 students

Requirements: R and R-studio, basic knowledge on NGS

Program

Day 1:

- A) Experimental design; Introduction to Next Generation Sequencing Analysis and Microbiome Analysis

Instructor: Michalis Omirou 09:00-10:00

- B) Introduction to R and R-studio for microbiome analysis

Instructor: Klaus Schiebl, 10:00 – 14:00

Day 2:

Understanding and analyzing data with Galaxy. Part 1

Instructor: Slave Trajanoski, 09:00 – 14:00

Day 3:

Understanding and analyzing data with Galaxy. Part 2

Instructor: Slave Trajanoski, 09:00 – 14:00

Day 4:

Tools for Differential Expression Analysis

Instructor: Klaus Schiebl, 09:00 – 14:00

Day 5:

Microbiome and Seeds

Instructor: Tomi Cernava, 09:00 – 09:30

Problem Presentation from participants.

*In collaboration with **COST Action CA16110 HUPLANT***



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