

Bacterial genetics

Introducing

Description

The mechanisms leading to mutations, whether specific or broader, will be reviewed (mutagens, horizontal transfer mechanisms, transposition). The course will address prokaryotic transcriptional and translational regulations. It will present the biotechnology applications of this knowledge, as well as the tools for regulation, expression measurement and screening.

Objectives

The objective of this EU is to address the mechanisms that allow bacteria to evolve their genetic sequence and best respond to environmental conditions.

Necessary prerequisites

French.

Évaluation

L'évaluation des acquis d'apprentissage est réalisée en continu tout le long du semestre. En fonction des enseignements, elle peut prendre différentes formes : examen écrit, oral, compte-rendu, rapport écrit,

évaluation par les pairs...

Practical info

Location(s)

 Toulouse