

Genomics

Reiner Veitia – Sandrine Caburet

Effectives: 30

Language: English

Prerequisites: None

Where?

Université Paris Cité, PRG
Campus, Buffon building

When?

2022: week 48, 28 nov-2 dec

Evaluation:

Written exam on Friday
morning

Questions:

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Number ECTS: 3

Total numbers of hours:

24h + examination

Monday-Thursday: 10h-18h

Friday: 10h-13h

Teaching format:

conferences / lectures

Teaching objectives

This one-week module aims at letting you discover different aspects of genomics, through presentation of their research projects and results by specialists and researchers.

You'll be able to understand how genomics are currently understood and researched, from the theoretical notions to the practical approaches actually used in research labs.

Teaching outline

12 lectures are planned, 3 per day.

The subjects include:

Bioinformatics for genomics and data mining

Transcriptomics, including pervasive

transcription and regulation by enhancers

Epigenomics

Genomics of obesity

Non-mendelian inheritance in paramecium

Genomics of DNA replication

Proteomics

Details: [GN0CY210 Module MEG : Genomics](#)