

# RNAseq Analysis

Claire Vandiedonck – Sandrine Caburet

**Effectives:** 18 on-site

**Language:** English

**Prerequisites:** None

**Where?**

Université Paris Cité, PRG  
Campus, Halle aux Farines  
building

**When?**

2022: week 47, 21-25 nov.

**Evaluation:**

MCQ + short written exam  
(on computers) on Friday

**Questions:**

claire.vandiedonck@u-paris.fr  
sandrine.caburet@ijm.fr

**Number ECTS:** 3

**Total numbers of hours:**

Approx. 28h + examination  
Mon-Thursday: 9h30-17h30  
Friday : 9h30–15h30

**Teaching format:**

lectures, practicals on  
computers, learning path

## Teaching objectives

This one-week module aims at teaching you the **complete pipeline for the analysis of RNAseq data**, from the experimental design to the functional analysis of selected genes.

It will give you a complete in-depth knowledge of theoretical and practical aspects of this essential transcriptomic approach.

No prior knowledge of bioinformatics is required. Medical students and non-geeks are welcome and won't be lost.

## Teaching outline

We have set up a progressive course, with lectures explaining each step of the analysis, immediately followed by hands-on practical sessions for you to apply this knowledge to real transcriptomic data. A progressive learning path is available each day to recapitulate essential notions.

Details: [GN0CY310 Module MEG : RNAseq analysis](#)