

Màj 09/06/2022

UE 3.3. Study Lab

6 ECTS

Parcours « *Precision Health* »

During the “Study Lab” unit, students will design an innovative research proposal focused on their M2 internship research topic. The student will define a clear research question and elaborate a forward-thinking experimental plan including some of the approaches developed in seminars of “Current Concepts in Precision Health”. The “Study Lab” unit favours active learning strategies based on small group discussions with peers and experienced tutors. Overall, this unit offers the unique opportunity to practice scientific design, writing and presentation, all essential for scientific careers in biological research.

Block of Skills and Knowledge -BCC 3: Develop and implement an experimental approach in Biology and Health

Skills acquired (direct / indirect):

- Implement an experimental approach in Biology and Health (BC3), by knowing the limits of validity of a model and identifying potential sources of error, by arguing his choices in relation to the techniques used.

Compulsory training unit

View of the program

The “Study Lab” includes seminars and small group discussions:

- Students will choose 3 seminars within a total of 13 offered seminars to deepen their fundamental knowledge on one area of choice (e.g. cancer research, neurobiology, metabolic diseases, immunology...).
- Following an introductory session on “how to write a research proposal”, students will be assigned to a “small group” composed of peers with similar research interests and one experienced tutor. Three “small group discussion” sessions will allow each student to present, challenge and refine their ideas for their research proposal.
- Outside class personal work is expected to finalize the proposal.

Tests:

Students will be evaluated based on 1) their active participation during sessions, 2) their written research proposal (5 pages) and 3) the defence of their proposal in a 15 minutes interview with 2-3 examiners.