

Faculty of Medicine



BICL3245 Tutorial in cell biology

[30h]

Teacher(s): Pierre Courtoy (coord.), Anabelle Decottignies
Language: French
Level: Third cycle

Aims

To gain, alone or in small groups, a personal in-depth knowledge of a timely question of cellular and molecular biology under the supervision of teachers acting as tutors, starting from available reviews but mostly from primary research papers. To assemble a synthetic oral powerpoint presentation summarizing key background information, formulating the questions asked or hypotheses tested and justifying their interest, reviewing step-by-step the experimental evidence, and providing a critical discussion of proposed conclusions.

Main themes

In this tutorial, the students will (1) define a topic of their choice in cellular and molecular biology, in agreement with the teachers ; (2) identify and select key reviews and primary research papers from bibliographic sources ; (3) justify (and if necessary correct) these choices ; (4) analyze and synthesize this body of information ; (5) assemble a structured powerpoint presentation ; and (6) present it as an oral talk in front of a small group of scientists mostly originating from the research Unit(s) of the teachers.

Content and teaching methods

tutorial

Other information (prerequisite, evaluation (assessment methods), course materials recommended readings, ...)

Evaluation is based on the capacity to select an appropriate topic, on the autonomy of the preparation, and on the quality of the presentation