

UE 3.3. Technological skills for conducting a research project in Biology and Health Science

3 ECTS

Teaching unit shared by the following tracks:

- Cellular, Integrative and Translational Neurosciences
- Diabetes and cardiovascular diseases
- Fundamental and clinical oncology, towards precision medicine
- Immunity, Inflammation et Infection

EC16 – Meta-analysis

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The purpose of meta-analyses is to quantitatively synthesize data from existing studies with similar objective. Well mastered, meta-analyses are an effective tool for synthesizing knowledge. The aim of this course is to enable students to interpret a meta-analysis. To learn the principles of systematic reviews. To learn the basic principles of meta-analysis statistics and learn how to interpret their results. To identify the strengths and limitations of meta-analyses and to draw appropriate conclusion. This teaching should learn to the student to have a critical reading of a meta-analysis.