

Màj 26/09/2023

**UE 3.5. Epistemology, ethics, regulations**

**3 ECTS**

**Shared teaching**

**Epistemology, ethics, regulations**

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**Summary**

The purpose of this non-disciplinary teaching unit is to provide knowledge regarding the organization of research in France and at the international level, the regulations in bio-medical research and principles of ethics applied to research. It incorporates a presentation of the various research positions and exchanges with professionals.

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

**Skills acquired** (direct / indirect):

- Contribute to a research activity in the field of Biology and Health Science (SB1): by identifying the challenges of research in Biology and Health Sciences (calls for projects, scientific policy, health economics, etc.);
- Design an experiment in Biology and Health Sciences in a specific area by defining a problem and formulating objectives (SB2): by arguing the relevance of models and methods' choice (biological model, analysis techniques, statistical tests); by taking into account the aspects of ethics, professional behavior, environmental responsibility, health and safety linked to the experimental approaches and the biological study models chosen.

**Short Program:**

- Epistemology
- Research ethics
- Regulation in biomedical research and biobanking
- Health and safety in the laboratory
- Animal research and ethical aspects
- Bio-entrepreneurship
- Jobs forum
- Regulations on patents in public and private scientific research
- Scientific integrity

**Test:** written test