

**CoPGr CURRICULAR CHAMBER
SUBJECTS PRESENTATION FORM**

SUBJECT'S ACRONYM: RNP5785

SUBJECT'S NAME: *Ethical Principles and Rules for the use of Animals in Teaching and Research*

CURRICULUM/AREA: Neurology/Neurosciences

N. OF THE AREA:

INITIAL VALIDITY (Year/Semester):

N. OF CREDITS: 04

- Theoretical Classes: 6h / week
- Practical Classes, Seminars and Others: 6h / week
- Hours of Study: 3h / week

DURATION IN WEEKS: four (04)

PROFESSOR(S) IN CHARGE: Cláudia Maria Padovan

1. USP Professor, n. 418.002

ACTUAL COSTS OF THE SUBJECT: BRL

(Presenting, if applicable, the budget foreseen for the year, as an attachment)

There are not costs foreseen for the subject.

PROGRAM

OBJECTIVES:

The objective of the subject is studying the ethical aspects involved in the use of animals in research and teaching. Specifically, the legislation in force to the use and handling of animals along with their history will be studied and discussed.

JUSTIFICATION:

The growth of the Laboratory Animals Science and the concern with the aspects that assure the animal's well-being has been widely discussed. The reduction of the number of animals used, the refining of the works performed, as well as the employment of alternative methods are subjacent to such discussions. These aspects will be approached in the referred subject, offering to students the opportunity of discussing them.

CONTENT (SYLLABUS):

1. Laboratory Animals Science

- 3 R's Principle
- Ethical aspects
- Legislation in force

2. Animal Models

- Non-Conventional Species of Laboratory
- Non-Conventional Species
- Wild Animals

3. Animal well-being

- Lodging Conditions
- Signals of pain and Stress

4. Handling of animals used for Teaching and Research

- Vivarium
- General Procedures (animals' identification, cleaning/sanitation and transportation)
- Specific Procedures (ways of administration, collection techniques, surgical techniques)

5. Euthanasia

6. General Aspects of Biosecurity (use of personal protection equipment; waste discharge)

EVALUATION CRITERIA:

- Presentation of seminars on themes of the subject, according to the material made available at the bibliography or related content;
- Work or Written Test on the aspects connected to the animal's well-being, according to the Brazilian legislation in force.

NOTES:

Area: Biological

Key-words: animal's well being, ethics, legislation.