

(SYLABUS)

Name of the department / clinic providing the course:

Department of Biomedicine and Experimental Surgery

Course title: Międzynarodowa Szkoła Doktorska

Course profile: academic

Speciality: -

Level of course unit: Doctoral School

Course unit title: Procedures and principles of scientific research on an animal model.

Course unit code: 10012869/13/60/126/222/2/2024

Course aims:

To acquire basic knowledge of the procedures and principles of conducting scientific research on an animal model, taking into account legal and ethical requirements.

Form of study: Stacjonarne

Year of study: 1

Types of educational activities and number of hours allocated:

Subject	Language course	Self-study	Lecture	Exercises	Laboratory	Seminar	Practical	e-learning	Profession practice	Other (what?)	ECTS points
						5					1

Number of ECTS credits allocated and their structure according to students' from of learning:

1

Names of course unit's faculty:

Karol Kłosiński, PhD

Prerequisites:

Before taking the exam, you must have passed:-

Learning activities and teaching methods:

Verbal transmission, multimedia presentations, demonstrations, case-study method.

Course unit content:

- Terms and conditions for the use of animals for scientific purposes,
- Scope of performing procedures and conducting experiments on animals,
- The 3Rs principle (substitutions, limitations and refinements),
- Types of procedures performed on animals,
- ACT of January 15, 2015 on the protection of animals used for scientific or educational purposes - clarification of terms,
- Responsibilities of the User, Breeder and Subject,
- Tasks of the local ethical committee for animal experiments,
- Construction of the application for approval of animal experiments,
- Principles of evaluation of the application for approval of animal experiments,
- Requirements for persons performing any activities on animals,,
- Types of laboratory animals,
- The concept of distress in animals.

Course objectives:

Knowledge:

Procedures and principles of conducting scientific research on an animal model, taking into account legal and ethical requirements.

Skills:

Acquisition of skills in the classification of procedures and selection of methods for animal experiments.

Attitudes and transferrable (generic) competencies:

Ability to prepare applications for approval of animal experiments.

Required and recommended learning resources (readings):**Required:**

ACT of January 15, 2015 on the protection of animals used for scientific or educational purposes.

Recommended:

DIRECTIVE 2010/63/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 22 September 2010 on the protection of animals used for scientific purposes (Text with EEA relevance)

Assessment methods and criteria:

Credit for the course is awarded on the basis of attendance and activity in class. Attendance at a minimum of 50% of classes is required to receive positive credit.

Rules for making up absences from classes:

Absences may be made up with another group

Additional information:

Contact to the lecturer: Karol Kłosiński, karol.klosinski@umed.lodz.pl; 427275318.

Statement and signature of the course leader:

I hereby state that the content of the curriculum included in the syllabus below is the result of my individual work completed as part of work contract/cooperation resulting from a civil law contract, and that author rights to this title are not the property of a third party.

Dean's signature:

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