

SYLLABUS

NAME OF THE DEPARTMENT/CLINIC PROVIDING THE COURSE:

Head of International Doctoral School of Medical University of Lodz / Head of Department of Molecular Neurochemistry of Medical University of Lodz

NAME OF THE COURSE: Doctoral School

EDUCATIONAL PROFILE: Doctoral School

(academic / practical)

SPECIALIZATION: Doctoral School

LEVEL OF EDUCATION: Doctoral School

1. **Course name:** Doctoral Seminar - Public Review Session
2. **Course code:**
3. **Type of course unit: compulsory**
4. **The aim of the course** "Public Review Session" for PhD students of the International Doctoral School is to develop skills in presenting research findings and critically analyzing them in an academic environment.

This session enables PhD students to:

1. Enhance their scientific skills – by preparing and presenting a progress report on their doctoral research.
2. Build communication skills, specifically in terms of clearly and effectively conveying complex scientific content through oral presentations and responding to participants' questions.
3. Collect feedback – through interaction with the audience, including supervisors, reviewers, and other participants, allowing them to identify strengths and potential areas for improvement in the research project.
4. Integrate into the scientific community – by establishing contacts with other researchers and participating in interdisciplinary knowledge exchange.
5. Promote open science – by presenting research results transparently and in line with international academic standards.
6. Such a session is key to developing the PhD students' academic careers and preparing them for active participation in academic life and international conferences and symposia.

5. **Form of study: stationary**

Year of study: 1st, 2nd, 3rd, 4th

6. **Types of educational activities and number of hours allocated:** Seminar, 10 hours (*lectures, classes, practical classes, laboratory classes, optional classes and others*)

7. Number of ECTS credits allocated and their structure according to students' form of learning: *not applicable*

8. Name and surname of leading person(s):

Tomasz Boczek, MD PhD together with members of committees appointed each year by the Head of IDS

9. Entry requirements:

(e.g. in relation to subjects taken in the first year of studies, it may be: the content of general subjects at the upper secondary school level, in relation to subjects taken in subsequent semesters, other subjects serving as introductory subjects should be indicated)

PhD Student of International Doctoral School

10. Research methods: Verbal presentation, multimedia presentation, panel, discussion.

(verbal message, panel, multimedia presentation, discussion, group work, case solving, etc.)

11. Course unit content: Presentation in English of report on your current research work carried out during the current year of education, supported by a multimedia presentation.
(description in detailed points of the teaching content during lectures, classes, practical classes, laboratory classes, optional classes and others)

12. Education outcomes:

(Description of knowledge, skills, and social competencies to be acquired, which are the intended outcomes of education, linked to the specific goals and content of the curriculum, e.g.:

- *Knowledge: acquisition of theoretical/practical knowledge in the field of...*
- *Skills: e.g., acquisition of analysis skills..., acquisition of skills in interpretation..., acquisition of skills in operating basic terms/concepts in the field of..., acquisition of skills in using terminology from the field of..., acquisition of skills in problem-solving..., acquisition of classification skills..., acquisition of skills in using legal acts from the field of...*
- *Social competencies: e.g., ability to transfer knowledge and skills to others, communication skills, ability to set priorities to achieve tasks, willingness to lifelong learning, ability to collaborate as a team member and team leader...*

Knowledge:

1. Understanding the principles of preparing and presenting research results according to international standards.
2. Familiarity with research methodology and effective ways of presenting it publicly.
3. Awareness of the role of feedback in the process of improving the research skills.
4. Familiarity with the principles of scientific communication and adapting the message to different audiences.

Skills:

1. Preparing a coherent and professional presentation of research results.
2. Clearly and simply presenting complex scientific content in a way tailored to the level of the audience.
3. Handling questions, criticism, and suggestions constructively during a discussion session.
4. Analyzing feedback and using it to improve the research project.
5. Organization and time management of the presentation and adhering to time limits.

Social competences:

1. Building confidence in public presentations and academic interactions.
2. Developing the skills of cooperation and exchange of opinions in an interdisciplinary environment.
3. Shaping an open attitude towards criticism and suggestions and developing constructive dialogue skills.
4. Developing responsibility for the accuracy and ethical aspects of scientific communication.
5. Building networks of scientific contacts and cooperation with other researchers and mentors.

Through participation in public presentations, students become better prepared to function actively in the academic and research environment.

13. List of Basic Literature:

- supplementary:

Materials provided by the speaker during the Public Review Session.

14. Methods and Means of Verifying Learning Outcomes, Including the Format and Conditions for Passing the Course:

The doctoral seminar is credited during the annual Public Reporting Session, which involves an oral presentation in English of research hypotheses, methods, and results of conducted research. The PhD student is obliged to prepare a multimedia presentation and submit it by May 29, 2026 to the address cod@umed.lodz.pl. The PhD student's presentation assessment during the public review session is conducted by a committee appointed by the head of the Doctoral School. The head of the Doctoral School may invite external experts to participate in the committee's work with advisory votes. The results of the assessment are recorded in the PhD student's electronic index by the head of the Doctoral School.

Guidelines for preparing the presentation:

- Presentation of the research hypothesis – 2 minutes
- Methodology – 2 minutes
- Results – 5 minutes
- Conclusions and further work plan – 1 minute
- Questions from the Committee – 5 minutes

Additional information:

15. Statement and signature of the course coordinator:

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.

16. Dean's Signature:

17. Date: