UNIVERSITY OF NOVI SAD
FACULTY OF MEDICINE

Study program: Doctoral Academic Studies in Biomedical Sciences

Name of the subject: ETHICS IN SCIENTIFIC RESEARCH

Teacher(s): Gordana M. Vilotijević Dautović, Marija R. Jevtić, Stamenko S. Šušak, Jovanka L. Kolarović, Vesna D. Stojanović, Artur L. Bjelica, Jovan D. Lovrenski

Status of the subject: compulsory

Number of ESPB points: 5

Condition: -

Goal of the subject

The curricula presented here are designed to be used in the training of researchers. It is intended to be accessible to scientific readers, including those without prior experience of ethical theory and analysis. It is intended to address key issues in research ethics involving human participants, including ethical issues related to them, and also including emerging technologies. The scope of the curriculum is the ethics of scientific research involving human beings. The case studies refer to various scientific disciplines including biomedical and humanities and social sciences. Students should be familiar with a range of philosophical perspectives and concepts and they will be used as a basis for discussing practical ethical issues, but without promoting any particular approach.

Outcome of the subject

To provide students with basic knowledge about ethical aspects of scientific research work in various fields of biomedical research. Students should be advised of basic ethical procedures when designing research, as well as deontological and legal norms and regulations pertaining to healthcare professionals.

A better understanding of the settings of scientific research in biomedicine and ethical aspects with particular reference to new technologies is the ultimate outcome of the subject.

Content of the subject

Theoretical lectures

1. Ethics committees, basic concepts of morality in biomedical research.
2. Public health and ethical aspects of research in public health.
3. Critically ill and terminally ill patients and research patients.
4. Animal biomedical research.
5. Research on the deceased - ethical aspects.
6. Research in assisted reproduction. Ethical aspects of research on fetuses and embryos.
7. Genetic biomedical research
8. Cloning humans and animals as an ethical problem; transgenetic medicine.
9. Stigma in biomedical research.
10. Intellectual Theft. Mentoring and relationships among researchers.
11. Medical deontology and medical law.
12. Ethics in Medical Communication.
13. Medical Ethics and World Religions.

Practical lectures

Development of Information Consent for Clinical Trials.
Designing a test plan in accordance with ethical standards for working with people.
Designing a test plan in accordance with ethical standards for working with experimental animals.

Literature

1. Benatar SR. Global disparities in health and human rights: a critical commentary. Am J Publ Health 1998;88:295–300.
2. Benatar SR. Avoiding exploitation in clinical research. Cambridge Q Healthcare Ethics2000
3. Singer PA. Medical ethics. BMJ. 2000;321:282–285

Number of active classes	**Theory**: 30	**Practice**: 30

Methods of delivering lectures

Oral

Evaluation of knowledge (maximum number of points 100)

activities during lectures: 30
practices: 10
oral exam: 60