

[English Translation of the Official Russian Document]

This is to certify that the present translation has been produced by a certified translator and is accurate, complete, and correct.

Translator: Kuznetsova Irina Mikhailovna

E-mail: itsypina@hse.ru

Tel: +7 (495) 772-95-90 ext. 15093

Location: Moscow, Russia

Date: March 14, 2025

MEETING MINUTES No. 02.19-09/140325-1
of the Commission for Ethical Assessment of Empirical Research Projects
Faculty of Biology and Biotechnology, HSE University

Date: March 14, 2025

Time: 15:00–17:00

Location: Moscow, Profsoyuznaya St., 33, Building 4, Room 517

Attendees:

1. Stepanova E.V., D.Sc., Professor – Chairman
2. Kuznetsova I.M., Ph.D. – Secretary
3. Ignatova A.A. – Committee Member
4. Makarova Yu.A., Ph.D. – Committee Member
5. Slobodova N.V., Ph.D. – Committee Member
6. Chuksina T.A. – Committee Member
7. Martynova O.V., Ph.D. – Committee Member
8. Nersisyan A.L., Ph.D. – Committee Member

Absent:

1. Pavlov A.A., D.Sc. – Committee Member

Invited Attendees:

Nikulin S.V. – regarding Agenda Item No. 1

Shkurnikov M.Yu. – regarding Agenda Item No. 2

Knyazev E.N. – regarding Agenda Item No. 3

AGENDA:

1. Review of the application by Nikulin S.V. for approval of the research protocol: *“Study of the Role of Ferroptosis in Breast Cancer: The Impact of Erastin and Omega-3 DHA.”*
2. Review of the application by Shkurnikov M.Yu. for approval of the research protocol: *“Development of an AI Algorithm for High-Precision Lipoprotein(a) Screening Based on Routine Biochemical Test Analysis.”*
3. Review of the application by Knyazev E.N. for approval of the research protocol: *“Development of Cellular Models of Preeclampsia: Evaluation of scRNA-Seq Expression Profiles in Trophoblast Cells.”*

DISCUSSION:



Agenda Item 1: Nikulin S.V. presented the research protocol submitted for ethical review. The study focuses on the role of ferroptosis in breast cancer and the effects of erastin and omega-3 DHA. The presenter provided documentation confirming compliance with ethical standards for working with cell lines.

DECISION:

To approve the research protocol by Nikulin S.V., *“Study of the Role of Ferroptosis in Breast Cancer: The Impact of Erastin and Omega-3 DHA,”* as compliant with ethical standards.

Agenda Item 2: Shkurnikov M.Yu. presented the study on the development of an AI algorithm for lipoprotein(a) screening. The Committee noted the study’s compliance with ethical requirements for working with anonymized clinical data.

DECISION:

To approve the research protocol by Shkurnikov M.Yu., *“Development of an AI Algorithm for High-Precision Lipoprotein(a) Screening Based on Routine Biochemical Test Analysis.”* as compliant with ethical standards.

Agenda Item 3: Knyazev E.N. presented the study on the development of cellular models for preeclampsia. The Committee acknowledged the completeness of the submitted materials and the study design’s adherence to ethical requirements for working with cell cultures.

DECISION:

To approve the research protocol by Knyazev E.N., *“Development of Cellular Models of Preeclampsia: Evaluation of scRNA-Seq Expression Profiles in Trophoblast Cells,”* as compliant with ethical standards.

VOTING RESULTS:

Agenda Item 1:

- In Favor – 8
- Against – 0
- Abstained – 0

Agenda Item 2:

- In Favor – 8
- Against – 0
- Abstained – 0

Agenda Item 3:

- In Favor – 8
- Against – 0
- Abstained – 0

Dissenting Opinions:

None.

Signatures:

Chair of the Commission: _____ / E.V. Stepanova /

Secretary of the Commission: _____ / I.M. Kuznetsova /