

Translation from Romanian into English

APPROVED
 minutes of the Senate meeting
 of Nicolae Testemitanu University,
 No. 3/11 of 25.03.2026

REGULATION on the responsible use of artificial intelligence at PI Nicolae Testemitanu State University of Medicine and Pharmacy of the Republic of Moldova

I. GENERAL PROVISIONS

1.1. This Institutional Regulation establishes the principles, rules, limits and institutional measures applicable to the use of artificial intelligence in the academic activities of the PI Nicolae Testemitanu State University of Medicine and Pharmacy of the Republic of Moldova (hereinafter - the University).

1.2. This Regulation is applied to all relevant university activities, including:

- a) teaching activities;
- b) learning and assessment activities;
- c) scientific and research activities;
- d) editorial and publishing activities;
- e) administrative and managerial activities;
- f) reporting, communication and data analysis activities;
- g) other activities carried out on behalf of the University.

1.3. This Regulation is applied to:

- a) students, master's students;
- b) doctoral and postdoctoral students;
- c) teaching and scientific-didactic staff, researchers;
- d) administrative and technical staff;
- e) other persons using AI systems on behalf of the University.

1.4. Within the University, the use of artificial intelligence is permitted as a support tool for university activities, in compliance with the legislation in force, the University's internal documents, academic integrity and significant human control.

1.5. This Regulation is applied in correlation with the Regulation on the organization and conduct of the activity of the Anti-Plagiarism and Artificial Intelligence Center as well as with other subsequent internal acts related to the areas of competence and complementary activities of the Center.

II. BASIS FOR DEVELOPMENT AND INTERNATIONAL BENCHMARKS

2.1. This Regulation is developed in accordance with:

- a) UNESCO Recommendation on the ethics of artificial intelligence;
- b) UNESCO Guide on the Use of Generative Artificial Intelligence in Education and Research;
- c) OECD Recommendation on Artificial Intelligence and OECD Principles on AI;
- d) European Commission/ERA Forum Guidance on the responsible use of generative AI in



research;

- e) Council of Europe Framework Convention on Artificial Intelligence, Human Rights, Democracy and the Rule of Law;
- f) ICMJE recommendations and COPE guidelines on the use of AI in scientific publishing and editorial processes. UNESCO expressly addresses the fields of education and science, OECD promotes trustworthy AI and oriented towards democratic values, and the Council of Europe calls for measures on transparency, oversight, accountability, equality and data protection.

2.2. This Regulation is institutional in nature and aims to align the University with international good practices relevant to the academic and research environment, without substituting applicable national legislation.

III. PURPOSE AND OBJECTIVES

3.1. The purpose of these Regulations is to ensure the legal, ethical, transparent, secure and responsible use of AI systems within the University.

3.2. The objectives of these Regulations are:

- a) protecting academic and scientific integrity;
- b) protecting human dignity, autonomy and fundamental rights; academic or scientific content, analysis, decision or product;
- d) preventing misleading, abusive or non-compliant use of AI;
- e) protecting data, confidentiality and intellectual property;
- f) developing institutional skills for the responsible use of AI;
- g) ensuring coherence between the Center's activity and university practices regarding AI.

IV. TERMS AND DEFINITIONS

4.1. For the purposes of this Regulation:

- a) **artificial intelligence** – system capable of generating predictions, recommendations, classifications, content or other results that influence activities or decisions; the definition is compatible with OECD and European approaches.
- b) **generative artificial intelligence** – category of AI systems capable of generating or transforming text, images, audio, video, code, tables, summaries, syntheses or other forms of content.
- c) **responsible use of AI** – use compatible with the law, ethics, internal University acts, data protection, intellectual property protection and meaningful human control;
- d) **significant human control** – verification, validation, supervision and assumption by a competent person of the result obtained with the help of AI;
- e) **AI-generated content** – content produced in whole or in part using an AI system;
- f) **declaration/statement on the use of AI** – explicit mention by which the author or user indicates whether and how AI was used in the development, analysis, editing, processing or presentation of the content.

V. BASIC PRINCIPLES

5.1. The use of AI within the University is based on the following principles:

- a) legality;
- b) respect for human dignity and individual autonomy;
- c) ultimate human responsibility;
- d) academic and scientific integrity;
- e) adequate transparency;
- f) equity and non-discrimination;
- g) data protection and confidentiality;
- h) protection of intellectual property;
- i) proportionality and risk-based approach;
- j) critical checking and methodological prudence.

5.2. These principles correspond to the instruments of UNESCO, OECD and the Council of Europe, which emphasize human rights, fairness, transparency, human oversight, accountability and data protection.

VI. GENERAL RULES OF USE

6.1. Within the University, the use of AI is permitted only if:

- a) does not substitute human responsibility;
- b) does not compromise the authenticity of the intellectual contribution;
- c) does not violate the rules regarding academic integrity;
- d) does not lead to the fabrication, falsification or manipulation of data, conclusions, references or authorship;
- e) allows critical verification of the final result;
- f) complies with the rules on confidentiality and data protection.

6.2. Any person using AI in academic activities is obliged to verify the accuracy, completeness, relevance and ethical compliance of the result obtained.

6.3. AI-generated results cannot be automatically assumed to be true, complete, or accurate. The ICMJE expressly states that AI outputs may be incorrect, incomplete, or biased and should be carefully reviewed by responsible individuals.

VII. USE OF AI IN TEACHING ACTIVITY

7.1. In teaching activity, AI can be used, as appropriate, for:

- a) explaining and illustrating concepts;
- b) generating examples, exercises and work options;
- c) preliminary translation and linguistic adaptation;
- d) structuring teaching materials;
- e) supporting individualized learning.

7.2. Teachers are obliged to:

- a) maintain pedagogical control over the materials and the teaching process;
- b) verify the accuracy and appropriateness of AI-generated or assisted content;
- c) not to use AI in a way that affects the authentic assessment of the student;
- d) not to expose students' personal data or confidential information to unauthorized AI systems.

7.3. Students may use AI only within the limits established by the subject teacher, internal regulations and the nature of the academic task.

7.4. UNESCO recommends that the use of GenAI in education be accompanied by clear rules, AI literacy, protection of learners' rights, and human oversight.

VIII. USE OF AI IN ASSESSMENT AND EXAMINATION

8.1. The AI cannot replace the academic decision of the evaluator.

8.2. It is prohibited to use AI as the sole basis for:

- a) grading;
- b) promotion or rejection;
- c) detection of academic fraud;
- d) application of sanctions.

8.3. AI may only be used as an auxiliary tool, under human control, for:

- a) developing evaluation items or variants;
- b) preliminary technical checks;
- c) administrative or statistical analysis of results.

8.4. The use of AI for assessment will respect the principle of human control and proportionality, in line with UNESCO and Council of Europe standards on transparency, oversight and accountability in sensitive contexts.

IX. USE OF AI IN RESEARCH

9.1. In research, AI may be used, under conditions of caution and verification, for:

- a) preliminary bibliographic exploration;
- b) organization, classification and indicative synthesis of information;
- c) technical data processing;
- d) assisted analysis, within the limits of the assumed methodology;
- e) limited technical writing, linguistic proofreading and structuring.

9.2. In research, the use of AI is prohibited for:

- a) fabrication or falsification of data;
- b) simulating non-existent results;
- c) generating fictitious or unverified bibliographic references;
- d) unassuming automatic interpretation of the results;
- e) concealing plagiarism or fraudulent paraphrasing.

9.3. The researcher remains solely responsible for

- a) choice of methodology;
- b) data selection and integrity;
- c) interpretation of the results;
- d) the conclusions drawn;
- e) ethical and legal compliance of the research activity.

9.4. The European Commission/ERA Forum Guidance on the Responsible Use of GenAI in Research recommends critical scrutiny of outputs, caution regarding sensitive or unpublished data, transparency and maintaining human accountability throughout the research process.

X. USING AI IN SCIENTIFIC WRITING AND PUBLISHING

10.1. In scientific writing, AI can be used for:

- a) linguistic and stylistic proofreading;
- b) preliminary translation;
- c) limited structuring and reformulation;
- d) technical support for tables, summaries and text organization.

10.2. The authors remain fully responsible for:

- a) the content of the text;
- b) accuracy of facts;
- c) authenticity of data;
- d) the accuracy of citations and references;
- e) absence of plagiarism, including in text and images generated with the help of AI.

10.3. AI cannot be indicated as an author or co-author. The ICMJE and COPE expressly state that AI tools do not meet the requirements for authorship and cannot assume responsibility for a manuscript.

10.4. The University requires the declaration of the use of AI in manuscripts, reports and other scientific materials in cases provided for by internal regulations and procedures or applicable editorial requirements.

XI. USE OF AI IN PEER REVIEW AND EDITORIAL ACTIVITY

11.1. In editorial and peer review activities, the use of AI is permitted only under the conditions established by the editorial office and the applicable editorial policy.

11.2. It is prohibited to introduce into unauthorized external AI systems:

- a) confidential manuscripts;
- b) review reports;
- c) unpublished data;
- d) other materials subject to confidentiality obligations.

11.3. Reviewers, editors and members of editorial boards remain responsible for any evaluation carried out with the support of AI.

11.4. COPE and ICMJE draw attention to the confidentiality of materials, human accountability, and the limits of using AI in peer review and publication.

XII. DATA, CONFIDENTIALITY AND INTELLECTUAL PROPERTY

12.1. It is prohibited to introduce into unauthorized external AI systems:

- a) sensitive personal data;
- b) identifiable medical data;
- c) unpublished primary research data;
- d) confidential manuscripts;
- e) materials under embargo or contractual confidentiality obligations;
- f) other information protected by law or by the University's internal documents.

12.2. Any use of AI must comply with the rules regarding:

- a) protection of personal data;
- b) official secrecy;
- c) confidentiality of the research;
- d) copyright and related rights;

e) institutional intellectual property.

12.3. The European Commission's Research Guidelines explicitly warn against the risk of introducing sensitive, unpublished or confidential data into GenAI systems, and UNESCO calls for the protection of the confidentiality and rights of the individuals affected.

XIII. CLASSIFICATION OF AI USE

13.1. Permitted use, with human verification:

- a) linguistic proofreading;
- b) preliminary translation;
- c) structuring of ideas;
- d) technical support for writing, code, tables and visualization;
- e) preliminary synthesis of information.

13.2. **Limited use**, permitted only under additional conditions of transparency, control and justification:

- a) generating large passages of academic text;
- b) assisted data interpretation;
- c) generating or modifying images and figures with scientific significance;
- d) use of AI in internal evaluation, reporting or managerial analysis.

13.3. **Prohibited use:**

- a) AI-assisted plagiarism and fraudulent paraphrasing;
- b) fabrication or falsification of data, results, images or references;
- c) deliberate concealment of the use of AI when declaration is mandatory;
- d) using AI to mislead reviewers, publishers, funders or authorities;
- e) using AI as an author, autonomous evaluator or final decision-maker.

XIV. TRANSPARENCY AND DECLARATION

14.1. Authors, researchers, teachers and other relevant persons are required to declare the use of AI when:

- a) the internal regulations provide for it;
- b) the editorial policy or the requirements of the funder require it;
- c) the use of AI made a relevant contribution to the final content;
- d) the nature of the activity requires additional transparency.

14.2. The declaration on the use of AI must indicate, as appropriate:

- a) the instrument or category of instrument used;
- b) purpose of use;
- c) the nature of the operations carried out;
- d) the level of human review and verification.

14.3. The lack of a declaration, when it was mandatory, may constitute a deviation from institutional norms.

XV. TRAINING, LITERACY AND INSTITUTIONAL SUPPORT

15.1. The University promotes and ensures training and development measures for the responsible use of AI for academic, scientific and administrative staff, as well as for students

and other relevant categories of beneficiaries.

15.2. Training activities must cover at least:

- a) AI functionalities and limits;
- b) the risks of hallucinations, bias and errors;
- c) rules regarding data, confidentiality and intellectual property;
- d) academic integrity and plagiarism;
- e) transparency and declaration of the use of AI;
- f) specific rules for research, publication and evaluation.

15.3. UNESCO and the European Commission emphasize that AI literacy and institutional capacity building are essential conditions for the responsible use of AI in education and **research**.

XVI. IMPLEMENTATION, MONITORING AND COMPLIANCE

16.1. The Anti-Plagiarism and Artificial Intelligence Center coordinates the implementation of this Regulation, in cooperation with the relevant structures of the University.

16.2. In applying this Regulation, the Center:

- a) develops procedures, guides, forms and models of subsequent declarations;
- b) monitors institutional practices regarding the use of AI;
- c) organizes information and training activities;
- d) formulates recommendations and improvement measures;
- e) centralizes relevant non-conformities and notifications.

16.3. These attributions are in accordance with the regulation on the organization and functioning of the Anti-Plagiarism and Artificial Intelligence Center, which expressly provides that the Center develops and updates the institutional framework regarding the responsible use of AI, formulates recommendations, establishes data protection requirements and monitors the risks associated with the use of AI.

XVII. MEASURES IN CASE OF NON-CONFORM USE

17.1. The use of AI in violation of this Regulation may entail, as appropriate:

- a) requesting clarifications or additional statements;
- b) requiring the revision or withdrawal of the material;
- c) re-verification of the document;
- d) notification of the competent structures;
- e) application of the measures provided for by institutional regulations and law.

17.2. In cases of academic fraud, plagiarism, data falsification, serious breaches of confidentiality or misconduct in scientific publication, special institutional procedures and relevant ethics and integrity rules apply.

XVIII. FINAL PROVISIONS

18.1. This Regulation is applied in conjunction with the regulations, procedures, instructions and other subsequent internal acts related to the areas of competence and complementary activities of the Center.

18.2. This Regulation shall be reviewed periodically, depending on technological, regulatory and institutional developments.

18.3. In interpreting and applying this Regulation, the University will take into account, as international benchmarks, the UNESCO Recommendation on AI Ethics, the UNESCO Guide on GenAI in Education and Research, the OECD Recommendation on AI, the European Commission guidelines for research, the Council of Europe Framework Convention, the ICMJE standards and the COPE guidelines.

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