



**AVICENNA**  
Batumi Medical University

*"Approved"*  
*by General Meeting of Partners of*  
*Avicenna –Batumi Medical University", LLC*  
*15 November, 2022 Protocol No. 01-03/05*  
*Appendix No. 01*

**Science Research Development Policy of  
Avicenna - Batumi Medical University**

---

---

## **Contents**

<i>Article 1. General Provisions</i>	<i>1</i>
<i>Article 2. Objectives of Science Research Development Policy</i>	<i>1</i>
<i>Article 3. Principles of Conducting Science Research at the University</i>	<i>1</i>
<i>Article 4. Research Priorities of the University</i>	<i>1</i>
<i>Article 5. Implementation Mechanisms of Science Research Policy</i>	<i>2</i>
<i>Article 6. Responsible Persons and Structural Units</i>	<i>3</i>
<i>Article 7. Monitoring the Performance of Research Objectives</i>	<i>3</i>
<i>Article 8. Final Provisions</i>	<i>4</i>
<i>Tasks for Achieving Research Promotion Mechanisms</i>	<i>5</i>

## Article 1. General Provisions

**1.1.** The present policy defines the range of measures to promote the implementation of science research at "Avicenna - Batumi Medical University" LLC (hereinafter - "University" or "Avicenna"), establishes university research priorities based on the modern challenges of the field of medicine and the needs of the region, and also provides for the university's material resources and human resources capabilities for the implementation of research of similar content carried out by the university and its partner medical institutions or international higher education institutions.

**1.2.** This policy derives from the strategic development plan of the university and specifies the directions of research promotion, research cooperation and internationalization given in the strategic development plan.

## Article 2. Objectives of Science Research Development Policy

**2.1.** The main objectives of this policy document for the Science Research Development of Avicenna are:

- a) Development of the university's research potential;
- b) Promoting the implementation of current, applied, regional needs-oriented scientific researches of public importance;
- c) Integration of the university into the international medical scientific space;
- d) Raising awareness about the research profile and research activities of the university's academic and invited staff;
- e) Ensuring the integration of science research results in the teaching-learning process;
- f) Internationalization of research activities.

## Article 3. Principles of Conducting Science Research at the University

**3.1.** The main principles of conducting science research at the university are:

- a) Transparency, academic integrity and accountability to the university Rector and the Academic Council;
- b) University support of the research process both at the organizational level and in terms of research funding;
- c) Involvement of students in scientific research;
- d) Internationalization of research;
- e) Objective assessment of research results;
- f) Conducting research in accordance with the priority directions of research established by the university.

## Article 4. Research Priorities of the University

**4.1.**

**4.2.** The research priorities of the university are the research directions in the field of healthcare in the region (searched and analyzed by the health and longevity scientific research center of the university).

**4.3.** Research areas defined by the university include public health, biomedicine and clinical medicine; Among them, the development of the scientific-research activity already carried out by the academic staff in the following directions was considered a priority:

1. Study of biomarkers associated with respiratory and cardiovascular diseases and their synthesizing genetic loci;
2. Detection, prevention and management of regional, epidemiological, socio-economic markers of bronchial asthma and COPD;
3. Post-Covid population health;
4. Liver transplantation and immunology;
5. Growth and development of pre-pubescent and pubescent children, global development;
6. Biomarkers and genetic aspects of diseases of the cardiovascular system;
7. Tumour screening in the asymptomatic population using multiple tumour markers;
8. Study of coagulopathies in different cohorts.

Also, considering the global healthcare and medical needs of the region, the following directions have been selected as scientific-research priorities:

1. Addictology;
2. Diabetes and thyroidology;
3. Air and sea water pollution research;
4. Women's rights and prevention of femicide.

## **Article 5. Implementation Mechanisms of Science Research Policy**

**5.1.** The mechanisms for implementing science research policy at Avicenna - Batumi Medical University are:

- a) Existence of a research supporting structure in the organizational structure of the university – Research Center of Health and Longevity;
- b) Implementation of research supporting mechanisms - research university funding system;
- c) Promoting the development of research skills of academic and invited staff of the university (trainings/retraining);
- d) Implementation of scientific research in accordance with the university's research priorities;
- e) Support for scientific research of academic and invited staff of the university;
- f) Forming a network of local partners in the research field;

- g) Formation of a network of international partners in the research field;
- h) Participation of the university in national/local research grant competitions;
- i) Participation in international research grant competitions;
- k) Integration of research results into the educational program of the university;
- k) Promoting the involvement of students in the research conducted by the university;
- m) Implementation of an objective evaluation system of research results and research productivity;
- n) Adherence to high standards of research ethics and academic integrity.

**5.2.** In accordance with the presented research policy implementation mechanisms, the university has developed development tasks corresponding to these mechanisms (**Annex 1** of this policy)

## **Article 6. Responsible Persons and Structural Units**

**6.1.** Based on the principles of mutual cooperation, transparency, respect and responsibility, considering Avicenna's legal acts and this policy, the Research Center of Health and Longevity of the University, the Quality Assurance Service, the Rector of the University, the Deputy Rectors and the main educational unit of the University - the School of Medicine are responsible for the development and implementation of the Avicenna Scientific Research Development Policy.

**6.2.** Coordination of research activities is provided by the Research Center of Health and Longevity of the university (hereinafter - the Center). The activities of the center are determined by the university regulations and the center regulations.

## **Article 7. Monitoring the Performance of Research Objectives**

**7.1.** Monitoring the performance of research goals means reporting and controlling the performance of the university's research development and promotion policy and the tasks outlined in it, in order to ensure the achievement of the university's goals;

**7.2.** The implementation of the policy is monitored by the Research Center of Health and Longevity of the University.

**7.3.** Within 1 month after the end of each academic year, the structural unit (center) responsible for coordinating the tasks defined by the research policy of the university, in the direction of academic and strategic development, submits to the deputy Rector information about completed, current and uncompleted tasks, as well as information on the involvement of other structural units/students in the performance of research tasks, their cooperation about quality and efficiency.

**7.4.** On the basis of the conclusion developed as a result of the evaluation of the reports of all structural units involved in research activity by the Research Center of Health and Longevity of the university, the Deputy Rector of the university for Academic and Strategic Development submits an annual report to the Rector and the Academic Council of the university regarding the implementation of the research policy, which describes the information on completed and unfulfilled tasks and about future activities.

7.5. As a result of reviewing the Deputy Rector's report regarding research implementation, the Academic Council is authorized to make a decision on changing the plan(s) of specific research tasks.

#### Article 8. Final Provisions

8.1. This policy document for the development of science research has been accepted and approved by the Board of Partners of the university in accordance with the university charter and is valid upon its approval.

8.2. After the formation of the Academic Council, the modified edition of the policy, amendments and additions to it are made and approved by the Academic Council.

## **Tasks for Achieving Research Promotion Mechanisms**

- 1. Starting (activating) the activities of the research support structure - Research Center of Health and Longevity (hereinafter - the center) in the organizational structure of the university provided by the university statute:**
  - 1.1. Development of a legal act regulating the activity of the center;
  - 1.2. Staffing of the center;
  - 1.3. Development of the center's action plan
- 2. Implementation of research support mechanisms - research University funding system:**
  - 2.1. Approval of university mechanisms supporting research - rules for funding (competition) of university research grants;
  - 2.2. Considering the appropriate amount in the university budget for the financing of university research grants;
  - 2.3. Periodical holding of university research grant competitions.
- 3. Development of research skills of academic and invited staff of the University:**
  - 3.1. Research of professional development needs of academic and invited personnel in the science-research direction;
  - 3.2. Planning of activities/events to develop research skills of academic and invited staff;
  - 3.3. To increase the research productivity of academic and invited staff and, considering the need, their professional training.
- 4. Implementation of science research in accordance with research priorities:**
  - 4.1. Determination of the plan of research activities in accordance with research priorities by the Academic Council;
  - 4.2. Announcing research competitions for academic and invited staff in accordance with the research activities plan and research budget;
  - 4.3. Dissemination of research results (publication) in scientific circles and for the general public.
- 5. Support of science research of academic and invited staff of the University:**

- 5.1. Support for the implementation of other research activities - articles, conference reports and others - by academic and s invited staff;
- 5.2. Providing support to partner clinical bases in the research process of academic and invited staff;
- 5.3. Support of academic and invited staff in the process of developing research grant applications.

**6. Formation of a network of local partners in the research field:**

- 6.1. Establishing cooperation with local medical institutions in the part of scientific research;
- 6.2. Involvement of university clinics in university research activities;
- 6.3. Establishing cooperation with local research institutions in the part of scientific research;
- 6.4. Establishing cooperation with local higher educational institutions in the field of scientific research.

**7. Formation of a network of international partners in the research field:**

- 7.1. Establishing cooperation with international higher educational institutions in the part of scientific research;
- 7.2. Establishing cooperation with international medical institutions in the part of scientific research.

**8. Participation in local research grant competitions:**

- 8.1. Preparation of projects for the grant contests of the Shota Rustaveli National Science Foundation.
- 8.2. Preparation of projects for Adjara A.R. government competitions.
- 8.3. Preparation of projects for scientific research competitions of other donors.

**9. Participation in international research grant competitions:**

- 9.1. Preparation of applications for the Jean Monnet grant project;
- 9.2. Preparation of projects for scientific research competitions of other donors.

**10. Integrating research results into the educational program of the University:**

- 10.1. Consideration of the research project in the educational program;
- 10.2. Training of academic and invited staff on the management of the implementation of the student's scientific-research project;
- 10.3. Development of a funding mechanism for student research.



## **11. Involvement of students in research**

- 11.1. Organization of extracurricular student research competitions and activities;
- 11.2. Encouraging students to participate in research activities outside the university;
- 11.3. Organization of student scientific conferences.

## **12. Implementation of an objective evaluation system of research results and research productivity:**

- 12.1. Consideration of research productivity assessment in quality assurance procedures;
- 12.2. Periodic reporting of academic and invited staff on research productivity;
- 12.3. Annual publication of institutional research report.

## **13. Adherence to high standards of research ethics and academic honesty:**

- 13.1. Implementation of electronic anti-plagiarism system;
- 13.2. Adherence to the principles of academic good faith/adoption of standards of academic honesty;
- 13.3. Adoption of scientific research ethics standards.