

## **Information letter**

### **To all Universities, National Research Institutes, Scientific Centers!**

Dear colleagues, in the period from December 6 to December 8, 2023, the First International Forum of Young scientists and Students (hereinafter the Forum) will be held within the walls of JSC «SKMA»!

### **General information**

**The Forum of Young Scientists** - a communication platform, the purpose of which is to exchange knowledge, skills, experience between researchers, scientists and students from different countries.

**The main purpose of the Forum** to establish a platform for the exchange of scientific achievements of young scientists from around the world, to discuss the most pressing issues of concern to young researchers, and to promote the dissemination of scientific knowledge among young people.

### **The following events will be held within the framework of the Forum:**

1. X International scientific conference of young scientists and students «Prospects for the development of biology, medicine and pharmacy». Detailed information about the event is provided in [Appendix 1](#).
2. The first International Olympiad in surgical disciplines. Detailed information about the event is provided in [Appendix 2](#).
3. Competition for the best scientific project. Detailed information about the event is provided in [Appendix 3](#).

**The period of the Forum:** from 6 to 8 December 2023.

**Place of the Forum:** JSC «South Kazakhstan Medical Academy».

**Address:** Republic of Kazakhstan, Shymkent city, Al-Farabi Square, 1.

### **Contact details:**

- By conference: 87074144819 (Tursynali Akerke Zhanabaykyzy)
- According to the Olympiad: 87076526969 (Duissebekov Murat Taufikovich)
- According to the competition for the best scientific project: 87472623253 (Bolatova Dilyafruz Ganikyzy).



**THE COUNCIL FOR SCIENCE AT THE NURSULTAN NAZARBAEV  
FOUNDATION and  
SOUTH KAZAKHSTAN MEDICAL ACADEMY  
holds the X International Scientific Conference of young scientists and  
students «Prospects for the development of biology, medicine and pharmacy»  
December 7-8, 2023**

**Dear colleagues!**

The Council for Science at the Nursultan Nazarbayev Foundation and the South Kazakhstan Medical Academy will organize the X International Scientific Conference of Young scientists and students "Prospects for the development of biology, medicine and Pharmacy" in Shymkent on December 7-8, 2023.

During the conference, attention will be paid to strengthening interaction and mutually beneficial cooperation between young researchers. It is planned to discuss the most relevant areas of modern research, as well as to outline ways of their further development. Young scientists under the age of 40 and organizations interested in enhancing the scientific activity of young people are invited to participate in the conference.

Within the framework of this conference, the First International Olympiad in surgical disciplines is planned. Students of 3-5 courses, as well as interns of 6-7 courses of invited universities can become participants of this Olympiad. The conditions and stages of the Olympiad are presented in the Appendix.

**CONFERENCE SECTIONS**

**Healthcare and biological sciences**

SECTION NAME	RESPONSIBLE PERSON
Theoretical biomedicine and biology	<ul style="list-style-type: none"> <li>• Azhibayeva-Kupenova Dana Tynyshbekova e-mail: danakupen303@mail.ru tel.: +7 747 606 13 63</li> </ul>

Biotechnology and nanotechnology: a look into the future	<ul style="list-style-type: none"> <li>• Torlanova Botagoz Ongarovna, e-mail: <a href="mailto:botagoz58@mail.ru">botagoz58@mail.ru</a> tel.: +7 701 432 2113</li> </ul>
Public health and healthcare in the XXI century	<ul style="list-style-type: none"> <li>• Mizamov Dauren Mukhtarovich e-mail: <a href="mailto:dauren903@mail.ru">dauren903@mail.ru</a> Тел.: +7 747 260 1296</li> </ul>
Innovations in medicine: from theory to practice	<ul style="list-style-type: none"> <li>• Kauyzbay Zhumaly Aripbayuly, e-mail: <a href="mailto:zhumalykz@gmail.com">zhumalykz@gmail.com</a> tel.: +7 775 721 9195 +7 701 767 1449</li> </ul>
Modern ecological, hygienic and epidemiological aspects of infectious and non-communicable diseases	<ul style="list-style-type: none"> <li>• Bukharbayev Yerkin Begalievich e-mail: <a href="mailto:kz_erkin@mail.ru">kz_erkin@mail.ru</a> tel.: +7 778 690 11 52</li> </ul>
Modernization of nursing	<ul style="list-style-type: none"> <li>• Seidakhmetova Aizat Ashimkhanovna, e-mail: <a href="mailto:aizat-seidahmetova@mail.ru">aizat-seidahmetova@mail.ru</a> tel.: +7 701 767 1448</li> </ul>
Theoretical and practical aspects of modern medicine	<ul style="list-style-type: none"> <li>• Polukchi Tatiana Vasilyevna e-mail: <a href="mailto:tpolukchi@bk.ru">tpolukchi@bk.ru</a> tel.: +7 747 983 8388</li> </ul>
Prospects and development of dentistry in the XXI century	<ul style="list-style-type: none"> <li>• Zhukynbek Ilyase-mail: <a href="mailto:shirynek@gmail.com">shirynek@gmail.com</a> tel.: +7 708 332 3046</li> </ul>

### Topical issues of pharmacy

SECTION NAME	RESPONSIBLE PERSON
Natural medicines and prospects for their use	<ul style="list-style-type: none"> <li>• Abilova Arailym Armanovna e-mail: <a href="mailto:arailymarman.0016@mail.ru">arailymarman.0016@mail.ru</a> tel.: +7 705 916 61 29</li> </ul>
Drug technology: searches and solutions	<ul style="list-style-type: none"> <li>• Omarbekova Ardak Ashirbekovna e-mail: <a href="mailto:Ardashka.0892@mail.ru">Ardashka.0892@mail.ru</a> tel: +77012805858</li> </ul>
Priority directions of pharmaceutical and chemical-toxicological research medicines	<ul style="list-style-type: none"> <li>• Serikbaeva Aigul Dzhumadullaevna, e-mail: <a href="mailto:aluaul@mail.ru">aluaul@mail.ru</a> tel.: +7 777 601 3367</li> <li>• Altynbek Dana e-mail: <a href="mailto:danko_altinbek@bk.ru">danko_altinbek@bk.ru</a> tel.: +7 778 452 4095</li> </ul>
Innovative approaches to improving the provision of medicines to the population	<ul style="list-style-type: none"> <li>• Utegenova Gulnara Iskakovna e-mail: <a href="mailto:gulnara64.64@mail.ru">gulnara64.64@mail.ru</a> tel.: +7 702 468 4963</li> </ul>

Clinical pharmacy, experimental and clinical pharmacology: new approaches and current research	<ul style="list-style-type: none"> <li>Ibragimova Aigul Gaffarova, e-mail: <a href="mailto:aygul_ibr@mail.ru">aygul_ibr@mail.ru</a> tel.: +7 707 896 2249 (whatsapp),</li> </ul>
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### **Humanities and technical sciences**

SECTION NAME	RESPONSIBLE PERSON
Humanitarian aspects of medical and pharmaceutical education	<ul style="list-style-type: none"> <li>Umida Anvarovna Khasanova e-mail: <a href="mailto:steelkhan@mail.ru">steelkhan@mail.ru</a> tel.: +7 707 969 8156</li> </ul>
Technical sciences	<ul style="list-style-type: none"> <li>Orymbetova Gulbagi Emitovna e-mail: <a href="mailto:Orim_77@mail.ru">Orim_77@mail.ru</a> tel.: 87012571021</li> </ul>

### **Requirements for the design of the thesis:**

The manuscripts of the reports are executed in MS Word format.

Margins: top 2 cm, bottom 2 cm, left 2 cm, right 2 cm to footer 0 cm.

Line spacing 1.5.

Font – Times New Roman, 12 size.

1. Full name of the author(s) (12 p.t.).

2. Name of the organization, city, state (12 p.t.).

3. Surname(s) and initials of the author(s), name of the organization, city, state, TITLE of the ARTICLE (with capital letters), abstract, keywords - for 3 (three) languages (Kazakh, Russian, English), Caps Lock 12 p.t.

4. The volume of the thesis is not more than 8-10 pages, keywords are not less than 5 (fivt) words.

Title of the report, centered alignment.

References, Times New Roman font, 12 size. The reference to the source in the text of the report is made out as a number in square brackets [1], [2], [3].

The file name is determined by the surname of the first author: surname.doc .

### **Requirements for an oral report at the conference:**

The report should be accompanied by a presentation (PowerPoint 2003-2010).

The duration of an oral presentation (report) should not exceed 7 minutes, discussion - 3 minutes.

From the technical means, you will be provided with a multimedia projector and a laptop. Due to the different laptop software, we ask you to save your presentations in two extensions .ppt and .pptx.

Presentation requirements: The presentation must be made according to generally accepted rules. On the first slide: the name of the university, then the name of the department, the name of the work; the full name of the speaker; the name of the supervisor; city, country.

Abstracts are accepted in Kazakh, Russian and English.

**All abstracts will be checked for originality!!!**

Materials for publication must be sent by **November 30, 2023**.

The publication of materials is free of charge.

The conference materials will be published in the scientific journal «**Kazakhstan Journal of Medicine and Pharmacy**».

Editor of the scientific journal – Tursynali Akerke, tel: 8-707-414-48-19, e-mail: [skma79science.department@gmail.com](mailto:skma79science.department@gmail.com), 8/7252/39-57-57 / internal 1029/

Head of the Department of Scientific and Clinical Work, Doctoral and Master's studies - Zhaksylyk Alikhan Altynkhanovich,

tel: 8-778-500-00-18, e-mail: [otdel\\_nauki.ukgfa@mail.ru](mailto:otdel_nauki.ukgfa@mail.ru)

The Organizing Committee of the conference reserves the right not to accept abstracts that do not meet the requirements for consideration of the article.

Travel expenses are paid by the sending side.

**«The first International Olympiad in Surgical disciplines»**

We invite you to take part in the first International Olympiad in Surgical Disciplines.

Venue: Republic of Kazakhstan, Shymkent city, South Kazakhstan Medical Academy

Students of the 3rd-5th year, interns of the 6th-7th year from invited universities can become participants of this Olympiad.

**The Olympiad will consist of 2 stages:**

<b>1- stage</b>	
Place: on the basis of the PSC (practical skills center) of JSC SKMA in building No 2.	The 1st stage of the Olympiad consists of 10 contests: 1. Skin suture 2. Vascular suture 3. Tendon suture 4. Intestinal suture 5. Liver suture 6. Captains' Competition 7. Competition for knowledge of surgical instruments 8. Desmurgy 9. Tracheal intubation 10. Knitting surgical knots
<b>2-stage</b>	
Place: assembly hall of JSC «SKMA» (Main building).	11. Theoretical competition. 12. KVN team presentation: The whole team or certain persons participate

To participate in the Olympiad, you need to assemble a team, the number of teams is limited, the maximum number is 15. To participate, you must submit an application using the form below.

The completed applications must be sent in WORD format to the WhatsApp number +7 777 698 93 20

**APPLICATION**

To participate in the «First International Olympiad in Surgical Disciplines».

1. Name of the UNIVERSITY
2. Team name
3. Total number of participants

4. Full name on the identity card of each participant, course of study, mobile number.

If it has already been decided which of the participants is participating in which competition, it is advisable to paint each participant's competitions according to the following sample:

Team Captain: Surname First Name Patronymic, course

1. *Vascular suture (max. 3 people):*

1. Operator: Surname, First Name, Patronymic, course
2. Assistant: Surname, First Name, Patronymic, course
3. Nurse or nurse: Surname, First name, Patronymic, course

2. *Intestinal suture (max. 3 people):*

1. Operator: Surname, First Name, Patronymic, course
2. Assistant: Surname, First Name, Patronymic, course
3. Nurse or nurse: Surname, First name, Patronymic, course

3. *Tendon suture (max. 3 people):*

1. Operator: Surname, First Name, Patronymic, course
2. Assistant: Surname, First Name, Patronymic, course
3. Nurse or nurse: Surname, First name, Patronymic, course

4. *Skin suture (max. 3 people):*

1. Operator: Surname, First Name, Patronymic, course
2. Assistant: Surname, First Name, Patronymic, course
3. Nurse or nurse: Surname, First name, Patronymic, course

5. *Liver suture (max. 3 people):*

1. Operator: Surname, First Name, Patronymic, course
2. Assistant: Surname, First Name, Patronymic, course
3. Nurse or nurse: Surname, First name, Patronymic, course

6. *Competition of captains (the captain of the team participates)*

7. *Desmurgy (max. 3 people):*

1. Participant 1: Surname First Name Patronymic, course
2. Participant 2: Surname, First name, Patronymic, course
3. Participant 3: Surname, First name, Patronymic, course

8. *Knowledge of surgical instruments (2 people):*

1. Participant 1: Surname First Name Patronymic, course
2. Participant 2: Surname, First name, Patronymic, course

*9. Knitting of surgical knots (2 people):*

1. Participant 1: Surname First Name Patronymic, course
2. Participant 2: Surname, First name, Patronymic, course

*10. Tracheal intubation (2 people):*

1. Participant 1: Surname First Name Patronymic, course
2. Participant 2: Surname, First name, Patronymic, course

*11. Theoretical competition:*

The whole team or certain individuals can participate.

*12. Presentation of the team in a free form* (in the form of a KVN, a video clip, a stand-up performance, a song, a miniature, etc.) the time limit is no more than 7 minutes: The whole team or certain persons can participate. If the team has a presentation in the form of a video, please send it in advance to WhatsApp +77776989320

The maximum number of people in a team is 20. One person can participate in several contests if there is no overlap with other contests.

Teams and participants are recommended to come to the Olympiad together with curators (mentors who are competent in surgical disciplines).

**Applications for participation are accepted until 25.11.2023.**

**NB! All material expenses (accommodation, transport, meals) are carried out by the teams at their own expense.**

For all questions, please contact the number:

+77076526969, +77776989320 Duisebekov Murat Taubekovich



## COMPETITION OF SCIENTIFIC PROJECTS

### General information

**The Academy's competition for scientific projects is an important event that promotes the stimulation of scientific creativity and intellectual development of scientists and researchers.**

#### **The main purpose of the competition is:**

- Encouragement of scientific activity, stimulation of young scientists, students and researchers to actively engage in scientific research.
- Support of innovative ideas and projects.
- Strengthening the scientific community: exchange of experience, knowledge and best practices.
- Increasing public interest in science.
- Identification and support of potential talents.

#### **Requirements for participants:**

- Employees, students, undergraduates, residents, doctoral students, young scientists can take part in the competition.
- You can participate either individually or in a team. The composition of one team should not include more than 5 people.
- Each student and/or employee can participate in only one team.

**An important condition of the competition:** planned projects with expected results are allowed to participate.

**Acceptance of applications:** until November 30, 2023.

**The day of the presentation of the projects and the presentation of the results by the evaluation commission -** December 6, 2023.

#### **Rules for the design of a scientific project**

1. Each participant (individually or in a team) must submit an abstract of their scientific project.
2. The abstract includes such parts as:
  - A. Title (no more than 25 words)
  - B. List of authors (Full name, place of work, position, e-mail of each author)
  - V. Keywords: write 4-6 keywords for your research
  - G. The purpose of the scientific project
  - D. Tasks of the scientific project
  - E. Relevance of the scientific project
  - G. Methods/ways of implementing a scientific project

Z. Expected results

I. The social and economic significance of the results of your project for Kazakhstan and/or world science.

3. The abstract can be presented in Kazakh/Russian/English.

4. The font used when writing the annotation: Times New Roman, 14 size, color black. It is allowed to use underscores, bold, italics. The use of tables, graphs, diagrams and drawings is encouraged.

5. The abstract should be correctly and unambiguously presented on *no more than 5* A4 pages.

6. The abstract should be written in accordance with ethical standards and have originality.

*The winner of the competition will be selected by the evaluation committee on December 5 after the presentation of all scientific projects by the participants of the competition.*

**Evaluation commission:**

**Evaluation Commission: (hereinafter referred to as EC)** is an advisory body that functions during the competition for the best scientific project and includes established scientists, leaders, prominent figures of the Academy.

**The commission consists of 7 people:**

**1. Yesirkepov Marlen Makhmudovich**, Candidate of Medical Sciences, Professor, First Vice-rector of JSC «SKMA», Shymkent

**2. Anartaeva Maria Ulasbekovna**, Doctor of Medical Sciences, Professor, Vice-rector for teaching and educational work of JSC «SKMA», Shymkent

**3. Seitzhanova Zhanna Serikzhanovna**, Vice-Rector for Financial and Economic Activities of JSC «SKMA», Shymkent

**4. Umurzakova Galiya Zhanburbaevna**, PhD, Dean of the Faculty of Pharmacy of JSC «SKMA», Shymkent

**5. Kauzybai Zhumaly Aripbayuly**, Candidate of Medical Sciences, Associate Professor, Head of the Department of «Family Medicine» of JSC «SKMA», Shymkent

**6. Kemelbekov Kanatzhan Saukhanbekovich**, PhD, Dean of internship and employment of graduates, Head of the Department of Pediatrics-1, JSC «SKMA», Shymkent

**7. Zhaksylyk Alikhan Altynkhanovich**, Head of the Department of Scientific and Clinical Work, Doctoral and Master's studies, JSC «SKMA», Shymkent

**Secretary of the Evaluation Commission: Bolatova Dilyafruz Ganikyzy,**  
 Project Manager of the Project Management and Commercialization Office, JSC  
 «SKMA», Shymkent.

**Evaluation criteria:**

<b>№</b>	<b>Evaluation criteria</b>	<b>3 points</b>	<b>2 points</b>	<b>1 point</b>	<b>Total score</b>
<b>1</b>	<p><b><u>Scientific significance</u></b></p> <p><input type="checkbox"/> The purpose and objectives are clearly formulated and meet current scientific issues.</p> <p><input type="checkbox"/> The project contributes to the development of science by offering new research approaches or solutions to problems.</p>	Full compliance	Partial compliance	Incongruity	
<b>2</b>	<p><b><u>Originality and innovation</u></b></p> <p><input type="checkbox"/> The project demonstrates the originality and innovative nature of the research.</p> <p><input type="checkbox"/> The expected results and methods confirm the uniqueness of the approach.</p>	Full compliance	Partial compliance	Incongruity	
<b>3</b>	<p><b><u>Methodology and ways of implementation</u></b></p> <p>The project contains a clear description of the methods and approaches used to implement the research.</p>	Full compliance	Partial compliance	Incongruity	
<b>4</b>	<p><b><u>Expected results</u></b></p> <p><input type="checkbox"/> The specific results of the study are related to the set goals and objectives.</p>	Full compliance	Partial compliance	Incongruity	
<b>5</b>	<p><b><u>Relevance for Kazakhstan and/or world science</u></b></p> <p><input type="checkbox"/> The project demonstrates that its results</p>	Full compliance	Partial compliance	Incongruity	

	<p>can contribute to the development of science in Kazakhstan or on a global scale.</p> <p><input type="checkbox"/> The project takes into account current scientific research and trends.</p>				
<b>6</b>	<p><b><u>Professional design</u></b></p> <p><input type="checkbox"/> The abstract conforms to the established formats and contains all the necessary sections.</p>	Full compliance	Partial compliance	Incongruity	
<b>7</b>	<p><b><u>Project presentation</u></b></p> <p><input type="checkbox"/> The participants successfully presented their project at the presentation stage, the presentation is clear, informative and structured.</p>	Full compliance	Partial compliance	Incongruity	

**All participants of the competition will receive certificates of participation.**

**The winner of the competition will receive a diploma and a reward in the form of a valuable prize.**