PROVISION

about the procedure of hosting and organizing the All-Russian Pediatrician Forum

of Students and Young Scientists with international participation "Virtuoso of Pediatrics"

1. Main points

- 1.1. This provision defines the goals, issues and rules of hosting the All-Russian Pediatrician Forum of Students and Young Scientists with international participation "Virtuoso of Pediatrics" (hereinafter referred to as the Forum), its organizational and methodological support, the composition of the organizing committee (hereinafter referred to as the Organizing Committee), as well as the procedure for summing up the results and rewards for winners.
- 1.2. Main goals and issues of Forum:
 - Maintain a high level of knowledge for scientific researches in pediatrics, as a result promoting researches in this area;
 - Ensure skills of conducting research work among students and young scientists;
 - Encourage the development of soft-skills;
 - Share the information about innovative technologies used in pediatrics for the treatment, diagnosis and prevention of childhood diseases;
 - Developing sustainable professional communication capacity; establishing linkages between students and young scientists
 - Create a platform for enhanced professional connections and more widespread information-sharing networks.
- 1.3. The Founder of the Forum is Federal State Autonomous Educational Institution of Higher Education First Moscow State Medical University named after I.M. Sechenov of the Ministry of Health of the Russian Federation (Sechenov University) (hereinafter Sechenov University).
- 1.4. The co-organizers of the Forum are:
 - Non-profit organization Association of Pediatric Rheumatologists
 - Federal State Autonomous Institution "National Medical Research Center for Children's Health" of the Ministry of Health of the Russian Federation
 - State Budgetary Healthcare Institution of Moscow "Children's City Clinical Hospital named after G.N. Speransky of the Moscow Department of Health"
- 1.5. Participation in all Forum events is voluntary. There is no participation fee.

2. Organization and holding of the Forum

- 2.1. The Forum is held at the site of the Institute of Electronic Medical Education of Sechenov University.
- 2.2. The Forum is held annually. The dates of the Forum are set by the Organizing Committee.
- 2.3. The following events are held within the framework of the Forum:
 - The Fifth scientific and practical conference of students and young scientists with international participation (hereinafter referred to as the Conference);
 - The Third All-Russian Pediatric Interdisciplinary Student Olympiad «Kaleidoscope of Knowledge» with international participation (hereinafter referred to as «Kaleidoscope of Knowledge» Olympiad);
 - The Second All-Russian Pediatric Interdisciplinary Student Olympiad «Clinical debut» with international participation (hereinafter referred to as «Clinical debut» Olympiad);
 - The Fifth All-Russian Olympiad «Virtuoso of Pediatrics» with international participation (hereinafter «Virtuoso of Pediatrics» Olympiad).

3. Organizational and methodological support of the Forum

- 3.1. An Organizing Committee is created to organize and hold the Forum. The Organizing Committee carries out the general management of the Forum and all events held within its framework.
- 3.2. The composition of the Organizing Committee is formed from among the representatives of the administration, the teaching staff and the student council of the Clinical Institute of Children's Health. N.F. Filatov Sechenov University.
- 3.3. The Organizing Committee of the Forum:
 - определяет сроки и даты проведения Форума;
 - determines the terms and dates of the Forum;
 - establishes the regulations for holding the Forum and its events;
 - determines the list of events held within the framework of the Forum;
 - determines the format of the Forum and its events (classroom, classroom with online broadcast, online). When determining the format, it is guided by the requirements of Rospotrebnadzor and the resolutions of the Mayor of Moscow on holding public events;
 - ensures direct holding of the Forum;
 - organize information support of the Forum;
 - approves the composition of the Organizing Committees of the Forum events;
 - approves the composition of the expert groups of the Forum events;
 - approves the composition of the jury of the Forum events;
 - develops and approves the program of events of the Forum;
 - makes an estimate of the costs of the Forum's events;
 - approves the winners of the Forum events and awards them;
 - organizes expert evaluation of the works presented at the Forum events;
 - may involve third parties as official partners, co-organizers or sponsors;
 - performs other functions for organizing the work of the Forum and its events.

4. Terms and procedure of the Forum

- 4.1. Students and young scientists up to and including 35 years of age can take part in the Forum.
- 4.2. To participate in the Forum, you must register in the appropriate registration form for one or more events held within the framework of the Forum. Registration forms are posted on the information resources of the Forum (the official group on the Vkontakte social network https://vk.com/virtuozpediatrii and on the official website of the Forum https://vk.com/virtuozpediatrii and on the official website of the Forum https://vk.com/virtuozpediatrii and on the official website of the Forum https://vk.com/virtuozpediatrii and on the official website of the Forum https://vk.com/virtuozpediatrii and on the official website of the Forum https://vk.com/virtuozpediatrii and on the official website of the Forum https://vk.com/virtuozpediatrii and on the official website of the Forum https://vk.com/virtuozpediatrii and on the official website of the Forum https://vk.com/virtuozpediatrii and on the official website of the Forum
- 4.3. The application for participation must be sent no later than the date specified in the information mail.
- 4.4. Notification of the Forum participants about the format of the event is carried out by posting up-to-date information on the forum's website <u>http://pediatricforum-sechenov.ru/</u>, in the official group on the Vkontakte social network <u>https://vk.com/virtuozpediatrii</u>, as well as by conducting an information newsletter to registered users.
- 4.5. The procedure for holding, participation and evaluation criteria of participants of the Forum events are set out in the appropriate Order about the event.
- 4.6. Summing up and awarding the winners is carried out at the closing ceremony of the Forum and/or its events.

5. Financial support of the Forum

- 5.1. The financing of the Forum is carried out at the expense of funds received from sponsorship contributions, grants of the University.
- 5.2. Expenses for travel and accommodation of nonresident Forum participants are borne by the sending organizations.

6. The order for holding of the The Fifth scientific and practical conference of students and young scientists with international participation

6.1. General provisions

- 6.1.1 The Scientific and Practical Conference of Students and Young Scientists with International Participation (hereinafter referred to as the Conference) is an event of the All-Russian Pediatric Forum of Students and Young Scientists with International Participation "Virtuoso of Pediatrics" and in its organization and work is guided by the Regulations on the procedure for holding and organizing the All-Russian Pediatric Forum of Students and Young Scientists with International Participation "Virtuoso of Pediatrics".
- 6.1.2 The languages of the conference are Russian and English.
- 6.1.3 The format of the Conference is full-time, a remote format is possible for the English-speaking section.
- 6.1.4 This Procedure defines the tasks, the circle of participants, the topic of the conference, the conditions of participation, the requirements for the submitted materials.

6.2. Objectives of the Conference

- 6.2.1. The Intellectual and creative development of young scientists and specialists.
- 6.2.2. Showcasing the best achievements of young scientists and specialists in research activities in the field of Pediatrics, Obstetrics and Gynecology and Perinatal medicine, Pediatric surgery, Pediatric urology-andrology, Pediatric cardiology; Pediatric dentistry, Neonatology, pediatric Oncology and Hematology, Pediatric endocrinology.
- 6.2.3. Acquisition of young scientists and specialists of the skills of scientific discussions and public performances.
- 6.2.4. Acquisition of young scientists and specialists of the skills of scientific discussions and public performances.

6.3. Organizational and methodological support of the Conference

- 6.3.1. For the Conference, the Organizing Committee of the Forum creates and approves the organizing Committee of the Conference.
- 6.3.2. The Organizing Committee of the Conference:
 - establishes the rules of the Conference;
 - forms the Conference program;
 - ensures the direct holding of the Conference;
 - organizes information support for the Conference;
 - approves the number of sections of the conference and their chairmen;
 - approves the number and composition of expert commissions required for the preparation of the conference;
 - approves the list of winners and prize-winners of the Conference;
 - an editorial committee is created to evaluate the abstracts of the reports in order to make a decision on publication in the conference proceedings;
 - the order of formation of the editorial committee is determined by the Organizing Committee;
 - performs other functions in accordance with this Procedure;

- 6.3.3. For the Conference, the Organizing Committee creates a jury of the Conference.
- 6.3.4. For the Conference, the Organizing Committee creates a jury of the Conference.
- 6.3.5. The Jury of the Competition:
 - evaluates the results of all stages of the Conference;
 - determines the winners and prize-winners of the Conference.

6.4. Conditions of participation in the Conference

- 6.4.1. Students and young scientists under the age of 35 are allowed to participate in the conference.
- 6.4.2. To participate in the Conference, it is necessary to fill out the participant's questionnaire within the time specified in the information letter and send the abstracts of the scientific work and/or clinical example to the appropriate form

https://docs.google.com/forms/d/e/1FAIpQLSdSKiQ3vu2Jvu-QnAe105WXRgIHjMCxKOgRNlBkxky PmLaRKQ/viewform?usp=sf_link

- 6.4.3. Abstracts should not be previously published.
- 6.4.4. According to the results of the Conference, it is planned to publish the materials in a journal indexed in the RSCI database.
- 6.4.5. The Organizing Committee reserves the right to refuse to print in the collection of abstracts if the submitted materials do not correspond to the topic of the conference or the design requirements.
- 6.4.6. Abstracts in Russian and English are allowed to participate in the conference.
- 6.4.7. Participants can submit research papers in the following areas:
 - Акушерство, гинекология и перинатальная медицинаObsetrics, gynecology and perinatal medicine
 - Pediatrics
 - Pediatric cardiology
 - Pediatric dentistry
 - Pediatric Oncology/Hematology
 - Pediatric urology-andrology
 - Pediatric surgery
 - Pediatric endocrinology
 - Neonatology
 - Hygiene of children and adolescents
- 6.4.8. The topics and content of the conference sections can be expanded by the decision of the Organizing Committee of the conference, depending on the number of submitted reports.

6.5. Requirements for materials

- 6.5.1. The results of original research and clinical observations are accepted for participation in the Conference.
- 6.5.2. The responsibility for the observance of copyright, intellectual property rights submitted for participation in the Conference is borne by the supervisor and the author who submitted the work.
- 6.5.3. Submission of an application by the author for participation in the Conference means acceptance of the terms of the Forum and the Conference set out in the Regulations on the Forum and the Procedure for holding the Conference.
- 6.5.4. Evaluation of research work (R&D) and clinical examples will be carried out according to the criteria approved by the Organizing Committee.
- 6.5.5. The requirements for abstracts are specified in Appendix 1.
- 6.5.6. The Organizing Committee reserves the right to make changes to the criteria for evaluating research and clinical examples.

6.6. Holding a conference

- 6.6.1. Conference venue: Institute of Electronic Medical Education of the Sechenov First Moscow State Medical University of the Ministry of Health of Russia (Sechenov University).
- 6.6.2. Registration of participants of the conference, plenary sessions, work on sections of the conference, other events of the conference are held within the time limits set by the organizing committee of the conference.
- 6.6.3. Registration of participants of the conference, plenary sessions, work on sections of the conference, other events of the conference are held within the time limits set by the organizing committee of the conference.

6.7. Summing up the results of the conference

- 6.7.1. At the end of the conference, the chairmen of the sections, together with the jury, determine the best reports of the participants of each section.
- 6.7.2. The Organizing Committee approves the results of the work of the sections on awarding diplomas to the participants of the conference.
- 6.7.3. The Organizing Committee approves the results of the work of the sections on awarding diplomas to the participants of the conference.

7. The order for holding of the «Kaleidoscope of Knowledge» Olympiad

7.1. Organization and holding of the «Kaleidoscope of Knowledge» Olympiad

- 7.1.1. The date and venue of the «Kaleidoscope of Knowledge» Olympiad are indicated in the information mail.
- 7.1.2. To participate in the Kaleidoscope of Knowledge Olympiad, you must fill out the registration form posted in the official Forum group <u>https://vk.com/virtuozpediatrii</u> or on the website <u>https://pediatricforum-sechenov.ru/</u>
- 7.1.3. The application for participation must be sent no later than the date indicated in the information mail.
- 7.1.4. No more than three teams from the university can participate in the final stage of the Olympiad.
- 7.1.5. In the case of recruiting the maximum number of participating teams possible for the high-quality holding of the Kaleidoscope of Knowledge Olympiad, the Organizing Committee reserves the right to refuse the university the participation of 1 or more teams.
- 7.1.6. The "Kaleidoscope of Knowledge" Olympiad is held in the form of a game designed for one day.
- 7.1.7. The responsibility for organizing the preparation and holding of the Junior Olympiad is assigned to the Clinical Institute of Children's Health of N. F. Filatov Sechenov University.
- 7.1.8. Participants of the Olympiad can be students of 1-2 courses of medical universities (the team can be mixed).
- 7.1.9. Participants of the Olympiad can be students of 1-2 courses of medical universities (the team can be mixed).

7.2. Organizational and methodological support of the «Kaleidoscope of Knowledge» Olympiad

- 7.2.1. For the «Kaleidoscope of Knowledge» Olympiad, the Organizing Committee of the Forum creates and approves the organizing committee of the «Kaleidoscope of Knowledge» Olympiad
- 7.2.2. The composition of the Organizing Committee of the Junior Olympiad is formed from among the administration and teaching staff of the I.M. Sechenov First Moscow State Medical University, representatives of the student Council of the N.F. Filatov Clinical Institute of Children's Health of the I.M. Sechenov First Moscow State Medical University.
- 7.2.3. The Organizing Committee of the Junior Olympiad:

- develops and approves the Regulations on holding the «Kaleidoscope of Knowledge» Olympiad;
- determines the dates and venue of the «Kaleidoscope of Knowledge» Olympiad;
- ensures the direct conduct of the «Kaleidoscope of Knowledge» Olympiad;
- organizes information support for the «Kaleidoscope of Knowledge» Olympiad;
- determines the procedure for summing up the results of the «Kaleidoscope of Knowledge» Olympiad and encouraging the winners;
- provides a report on the «Kaleidoscope of Knowledge» Olympiad;
- performs other functions in accordance with this Procedure.
- 7.2.4. For the «Kaleidoscope of Knowledge» Olympiad, the Organizing Committee creates a jury of the Olympiad, which is approved by the Organizing Committee of the Forum.
- 7.2.5. The jury is formed from among the teaching staff of the I.M. Sechenov First Moscow State Medical University.
- 7.2.6. If necessary, at the discretion of the organizing committee, the jury may be supplemented by representatives from among the administration and teaching staff of other universities.
- 7.2.7. Jury functions:
 - evaluates the results of all stages and rounds of the «Kaleidoscope of Knowledge» Olympiad;
 - determines the winners and prize-winners of the «Kaleidoscope of Knowledge» Olympiad.
- 7.2.8. The tasks compiled and approved by the teaching staff of the following departments of normal anatomy, normal Physiology, Histology, cytology and Embryology, biological chemistry, as well as the student scientific circle on the history of medicine of Sechenov University are used as methodological support for the Olympiad.

7.3. The order of the «Kaleidoscope of Knowledge» Olympiad

- 7.3.1. The «Kaleidoscope of Knowledge» Olympiad will be held online
- 7.3.2. A qualifying round in the correspondence format will be held within the time limits specified in the information letter. (Appendix 2)
- 7.3.3. The qualifying round will be held in a testing format. The test tasks will include all disciplines of the «Kaleidoscope of Knowledge» Olympiad (normal anatomy, normal physiology, biochemistry, histology and history of medicine)
- 7.3.4. The time for solving the tasks of the qualifying round is limited.
- 7.3.5. A rating list will be formed according to the results of the qualifying round.
- 7.3.6. It is possible to hold an additional round in case of an equal number of points for the teams.
- 7.3.7. The first 40 teams from the ranking list will advance to the finals of the «Kaleidoscope of Knowledge» Olympiad.
- 7.3.8. Before the start of the «Kaleidoscope of Knowledge» Olympiad, participants need to go through the identification process, for this they must have a valid student ID (original).
- 7.3.9. If at least one of the participants does not provide a student ID, the entire team is not allowed to participate in the «Kaleidoscope of Knowledge» Olympiad.
- 7.3.10. Rules of participation in the Olympiad:
 - participants are prohibited from using the means of communication;
 - participants are prohibited from using reference material, except for the one that can be issued at stations.
- 7.3.11. Failure to comply with the rules prescribed in clause 7.3.10. will result in disqualification of the team.
- 7.3.12. The format of the «Kaleidoscope of Knowledge» Olympiad is a game.

- 7.3.13. The Organizing Committee appoints the Host of the Olympiad to conduct the «Kaleidoscope of Knowledge» Olympiad, read the plot and conduct competitive competitions.
- 7.3.14. To ensure compliance with the rules of the order of the «Kaleidoscope of Knowledge» Olympiad, the Organizing Committee appoints Team Curators.
- 7.3.15. To participate in the team competition, each team must pass the tests and score as many points as possible.
- 7.3.16. The Olympiad of junior courses presents tasks evaluating knowledge in 5 disciplines:
 - normal anatomy;
 - normal physiology;
 - biological chemistry;
 - histology, cytology and embryology;
 - history of medicine.
- 7.3.17. Description of the «Kaleidoscope of Knowledge» Olympiad

The «Kaleidoscope of Knowledge» Olympiad will be held in the format of a game. During the Kaleidoscope of Knowledge Olympiad, the teams will have to implement the storyline proposed by the Host of the Olympiad.

The «Kaleidoscope of Knowledge» Olympiad consists of 3 stages.

Stage 1

- 1. All team players participate.
- 2. The stage takes place in the "Jeopardy" format.
- 3. To complete the stage successfully, participants must answer 10 questions from the categories of normal anatomy, normal physiology, biochemistry, histology and medical history.
- 4. A rating list is compiled according to the results of the stage. The first 20 teams advance to the next stage.

Stage 2

- 1. The first 20 teams take part in Stage 2 based on the results of the stage 1 ranking list.
- 2. All team players participate.
- 3. The stage will be held in the format of a quiz.
- 4. Participants need to complete tasks on normal anatomy, normal physiology, biochemistry, histology and the history of medicine.
- 5. The team members are transported to the land of Oz, where they must help Dorothy return home.
- 6. The goal of each team is to reach the Emerald City, where the final battle will take place, on the way there they will have to pass tests together with the heroes of the fairy tale.
- 7. On the way, travelers will meet a kind fairy who will offer help to the teams and give them the opportunity to ask for extra time or increase points.
- 8. Along the way, players will encounter many obstacles. To overcome them, the team needs the most important weapon knowledge: histology, normal anatomy, biochemistry, normal physiology and the history of medicine.
- 9. To help Dorothy return home, players must solve the tasks that the heroes of the fairy tale will offer them.

Stage 3

1. The Final battle: "The battle with artificial intelligence." It includes a test of knowledge from different areas of the Olympiad. All points scored before the battle with artificial intelligence,

in case of defeat of the team, are saved. The points received during the final competition are added to the total points.

- 2. All teams that have passed the 2nd stage participate in the stage.
- 3. All team players participate.
- 4. The final ranking will sum up the points for only the 2nd and 3rd stages.

7.4. Summing up the results of the «Kaleidoscope of Knowledge» Olympiad

- 7.4.1. The winners and prize-winners of the «Kaleidoscope of Knowledge» Olympiad are determined at the jury meeting on the basis of the score-rating table and approved by the protocol.
- 7.4.2. All participants of the «Kaleidoscope of Knowledge» Olympiad receive a Certificate of Participation.
- 7.4.3. The winner of the team competition is the team with the highest number of points according to the results of stages 2 and 3 of the Olympiad, the points of stage 1 are not taken into account in the final standings.
- 7.4.4. With the same number of points scored, it is allowed to award equivalent prizes to several teams.
- 7.4.5. The winners of the «Kaleidoscope of Knowledge» Olympiad are awarded with diplomas of the 1st degree, 2nd or 3rd degree, depending on the results achieved, as well as valuable prizes.
- 7.4.6. The winners of the «Kaleidoscope of Knowledge» Olympiad are awarded with diplomas of the 1st degree, 2nd or 3rd degree, depending on the results achieved, as well as valuable prizes.

8. The order for holding of the «Clinical debut» Olympiad 8.1. Organization and holding of the Olympiad «Clinical Debut»

- 8.1.1. The date and venue of the «Clinical Debut Olympiad» are indicated in the information letter.
- 8.1.2. To participate in the Olympiad, you need to fill out an application on the website <u>http://pediatricforum-sechenov.ru/</u> or in an official group https://vk.com/virtuozpediatrii.
- 8.1.3. The application for participation must be sent no later than the date specified in the information mail.
- 8.1.4. The number of teams from each university that can participate in the correspondence stage of the Olympiad «Clinical debut» is limited to 2. In case when more than 2 applications are received, participation will be granted for the first and the second.
- 8.1.5. In case of receiving the maximum possible number of participating teams for the high-quality holding of the Olympiad "Clinical Debut", the Organizing Committee reserves the right to reject 1 team from the university.
- 8.1.6. A qualifying stage will be held for Sechenov University teams. The timing of the qualifying stage is the first decade of April.
- 8.1.7. The team consists of strictly5 people. Participants of the «Clinical debut» Olympiad can be students of 3-4 courses of medical universities
- 8.1.8. The «Clinical debut» Olympiad is held in the form of a game designed for one day.
- 8.1.9. Responsibility for the organization of the preparation and holding of the «Clinical debut» Olympiad is assigned to the Clinical Institute of Children's Health named after N.F. Filatov Sechenov University.

8.2. Organizational and methodological support of the "Clinical Debut" Olympiad

8.2.1. To conduct the «Clinical debut» Olympiad, the Organizing Committee of the Forum creates and approves the organizing committee of the «Clinical debut» Olympiad.

- 8.2.2. The composition of the Organizing Committee of the «Clinical debut» Olympiad is formed from among the administration and teaching staff of the I.M. Sechenov First Moscow State Medical University, representatives of the student Council of the N.F. Filatov Clinical Institute of Children's Health of the I.M. Sechenov First Moscow State Medical University.
- 8.2.3. The Organizing Committee of the «Clinical debut» Olympiad:
 - develops and approves the Regulations on holding the «Clinical debut» Olympiad;
 - determines the dates and venue of the «Clinical debut» Olympiad;
 - ensures the direct holding of the «Clinical debut» Olympiad;
 - organizes informational support for the Clinical Debut «Clinical debut» Olympiad;
 - determines the procedure for summing up the results of the «Clinical debut» Olympiad and encouraging the winners;
 - provides a report on the conducted «Clinical debut» Olympiad;
 - performs other functions in accordance with this Procedure.
- 8.2.4. To conduct the «Clinical debut» Olympiad, the Organizing Committee creates a jury of the
- 8.2.5. Olympiad, which is approved by the Organizing Committee of the Forum.
- 8.2.6. The jury is formed from among the teaching staff of the I.M. Sechenov First Moscow State Medical University.
- 8.2.7. If necessary, at the discretion of the organizing committee, the jury may be supplemented
- 8.2.8. by representatives from among the administration and teaching staff of other universities.
- 8.2.9. Jury functions:
 - evaluates the results of all stages and rounds of the «Clinical debut» Olympiad;
 - determines the winners and prize-winners of the «Clinical debut» Olympiad;
- 8.2.10. The tasks compiled and approved by the teaching staff of the following departments are used as methodological support for the Olympiad: pathological anatomy, pathological physiology, propaedeutics of childhood diseases, as well as the student scientific association on the history of medicine of Sechenov University.

8.3. The order of the «Clinical debut» Olympiad

- 8.3.1. Before the start of the Clinical Debut Olympiad, participants must go through the identification process, for which they must have a valid student ID (original).
- 8.3.2. If at least one of the participants does not provide a student ID, the entire team is not allowed to participate in the Clinical Debut Olympiad.
- 8.3.3. Rules for participants at stations:
 - participants are prohibited from using any communication devices;
 - participants are prohibited from using reference material other than the one that can be offered at the stations.
- 8.3.4. Failure to comply with the rules prescribed in clause 8.3.3. will result in disqualification of the team.
- 8.3.5. The form of the «Clinical debut» Olympiad is a game.
- 8.3.6. The Organizing Committee appoints the Host of the Olympiad for conducting the
- 8.3.7. «Clinical debut» Olympiad, reading the plot and conducting competitive events.
- 8.3.8. To ensure compliance with the rules of the order of the «Clinical debut» Olympiad, the
- 8.3.9. The Organizing Committee of the Olympiad appoints Team Curators.
- 8.3.10. Tasks evaluating knowledge in 5 disciplines will be presented at the «Clinical debut» Olympiad
 - propaedeutics of childhood diseases
 - pathological anatomy
 - pathological physiology
 - pharmacology
 - history of medicine.
- 8.3.11. Description of the course of the intramural part of the Olympiad "Clinical debut".
 - The full-time round of the «Clinical debut» Olympiad includes 4 stages:

The **draw** determines the order of passing the competitive tests. The draw also determines the team member who will become a player of the 2nd stage of the Olympiad (see below).

Stage 1:

- 1. Only 4 of team members participate.
- 2. Players need to go through 7 stations (4 stations on propaedeutics of childhood diseases (one station for each player), 3 stations on pathological anatomy, a station on pathological physiology and a station on pharmacology (for an entire team)).
- 3. The order of passage is determined by drawing lots.
- 4. There will be both theoretical tasks and practical skills at the stations:
 - testing of practical skills in propaedeutics of children's diseases is carried out in the format of an Objective structured clinical exam;
 - tasks in all areas correspond to the level of training in the relevant modules of the Accreditation and Simulation Center of the Institute of Electronic Medical Education of Sechenov University;
 - the number of tests, the list of tested skills and scenarios of simulation cases in each direction is determined by the organizing committee and is confidential information.

Stage 2:

- 1. One of the team members participates
- 2. Player must accomplish several tasks testing his knowledge in pathological anatomy, pathological physiology, propaedeutics of childhood diseases, pharmacology and history of medicine.
- 3. The player receives points for the correct answer to a given question. Points are deducted for an incorrect answer.

Stage 3:

- 1. All team players participate.
- 2. Teams need to solve 4 tasks on pathological anatomy, pathological physiology, propaedeutics of childhood diseases, history of medicine, and pharmacology, constructed in the form of practical case including 3 questions for each task.

Stage 4:

- 1. All team players participate.
- 2. This stage will take place in the form of a quiz on each discipline included in programme (pathological anatomy, pathological physiology, propaedeutics of childhood diseases, history of medicine, and pharmacology);

8.4. Summing up the results of the «Clinical debut» Olympiad

- 8.4.1. According to the results of the game, a score-rating table is formed, where the points for the full-time stage of the game will be summed up.
 - According to the results of the game, a table is formed indicating the points of the teams for each of the stages of the Olympiad.
 - The teams are ranked in descending order of points for each stage of the Olympiad. In the 1st stage of the Olympiad, the score for completing each of the practical skills is taken into account separately from the score for passing the theoretical stations. In stage 2, the score for solving tasks in each of the disciplines is taken into account separately.
 - According to the ranked list of the stage each team is assigned a rating number (the team with the highest score is assigned a rating number "1", etc.).
 - According to the results of the Olympiad, the rating numbers of the stages are summed up with the formation of the final rating numbers.
 - The teams are ranked in ascending order (from lower to higher) by the value of the final rating numbers.
 - The team with the lowest arithmetic value of the final rating number becomes the winner of the Olympiad.
- 8.4.2. The winners and prize-winners of the Olympiad "Clinical Debut" are determined at the
- 8.4.3. meeting of the jury on the basis of the score-rating table and approved by the protocol.
- 8.4.4. All participants of the Olympiad "Clinical Debut" receive a Certificate of participation.
- 8.4.5. The winners of the Clinical Debut Olympiad are awarded with diplomas of the 1st degree,
- 8.4.6. 2nd or 3rd degree, depending on the results achieved, as well as valuable prizes.
- 8.4.7. Individual team representatives and the team as a whole can receive diplomas as particularly distinguished in individual competitions.

9. The order for holding the All-Russian «Virtuoso of Pediatrics» Olympiad

9.1. Organization and holding of the «Virtuoso of Pediatrics» Olympiad

- 9.1.1. Venue and date of the Olympiad asr stated in the informational letter.
- 9.1.2. To participate in the Senior Olympiad, fill out an application on the website <u>https://pediatricforum-sechenov.ru/</u> or in the official group <u>https://vk.com/virtuozpediatrii</u>. The application for participation must be sent no later than the date indicated in the information mail.
- 9.1.3. No more than three teams from the university can participate in the «Virtuoso of Pediatrics» Olympiad.
- 9.1.4. In case of submitting more applications from the university, the decision on the participation of teams will be made by the Organizing Committee of the «Virtuoso of Pediatrics» Olympiad individually.
- 9.1.5. The organizing committee reserves the right to refuse the participation of 1 or more teams to the university, in case of recruiting the maximum number of participating teams.
- 9.1.6. The team must consist strictly of 5 people. Students of 5-6 courses are allowed to participate.
- 9.1.7. The «Virtuoso of Pediatrics» Olympiad is held in two stages, distributed over two days:

<u>1 day:</u>

- Team View
- Intellectual Tournament
- Anniversary quest

<u>2 день:</u>

- Practical stage
- Intellectual Tournament
- Talent contest "Creative five-minute"

9.2. Organizational and methodological support of the «Virtuoso of Pediatrics» Olympiad

- 9.2.1. To hold the «Virtuoso of Pediatrics» Olympiad, the Organizing Committee of the Forum creates and approves the Organizing Committee of the «Virtuoso of Pediatrics» Olympiad.
- 9.2.2. The composition of the Organizing Committee is formed from among the administration and faculty of the Sechenov university, representatives of the student council of the Clinical Institute of Children's Health. N.F. Filatov of Sechenov university.
- 9.2.3. Organizing Committee of the «Virtuoso of Pediatrics» Olympiad:
 - establishes the rules of conduct;
 - provides direct conduct;
 - organizes information support;
 - approves the list of winners and prize-winners;
 - performs other functions in accordance with this Order.
- 9.2.4. To conduct the «Virtuoso of Pediatrics» Olympiad, the Organizing Committee creates the jury of the Olympiad.
- 9.2.5. The composition of the jury is formed from among the teaching staff of the First Moscow State Medical University of I.M. Sechenov, employers, invited team leaders from other universities and approved by the Organizing Committee of the Forum.
- 9.2.6. Jury of the «Virtuoso of Pediatrics» Olympiad:
 - evaluates the results of all stages and rounds;
 - determines the winners and prize-winners;

9.3. The procedure for holding competitions

- 9.3.1. Before the start of the «Virtuoso of Pediatrics» Olympiad, participants must go through the identification process, for this they must have a valid student ID (original);
- 9.3.2. If at least one of the participants does not provide a student card, the entire team is not allowed to participate in the «Virtuoso of Pediatrics» Olympiad;

9.3.3. Rules for the presence of participants at the stations:

- participants are prohibited from using communication devices;
- participants are prohibited from using reference material other than that which may be offered at the station.
- 9.3.4. Failure to comply with the rules prescribed in paragraph 9.3 will lead to the disqualification of the team.

9.3.5. Practical stage:

The stage includes the implementation of practical skills in 3 areas of medical activity:

- provision of emergency and urgent medical care;
- professional communication with the patient;
- physical examination of the patient.

Providing emergency and urgent medical care to the patient.

The practical implementation of algorithms for providing emergency and urgent medical care to a patient in a life-threatening condition, the ability to work effectively in a team are evaluated. For the development of tests and evaluation tools, materials of the European Council for Resuscitation, the National Council for Resuscitation and Clinical recommendations of the Ministry of Health of the Russian Federation are used. Tests in this area are carried out using a specialized robot simulator. 1 member of the team participates in the competition. The selection of contestants from a team is determined by a draw.

Professional communication with the patient.

Clinical cases in this area assess the ability to collect significant medical data about the patient through conversation, competently inform the patient about the issues of his state of health and resolve difficulties in the process of communication with the patient. The test is conducted with a simulated patient acting as the patient/parent of the patient. 1 person participates in the competition. The choice of the contestant from the team is determined by a draw.

Physical examination of the patient.

As part of the tests in this area, the practical implementation of algorithms for a physical examination of a patient by organ systems is evaluated. The test is conducted using organ system examination simulators and/or with standardized patients. 1 person participates in the competition. The choice of the contestant from the team is determined by a draw.

*Some stations may include the need to use all practical skills

9.3.6. All tests are conducted in the format of an Objective Structured Clinical Exam.

- 9.3.7. Tasks in all areas correspond to the level of training in the relevant modules of the Accreditation and Simulation Center of the Institute of Electronic Medical Education of Sechenov University.
- 9.3.8. The number of tests, the list of tested skills and scenarios of simulation cases for each direction is determined by the organizing committee and is confidential information.
- 9.3.9. The distribution of test team members is determined by a draw immediately before the practical stage.
- 9.3.10. The head of the team (a representative of the teaching staff) has the right to be in the working area of the expert examination group and observe the passing of tests by his team.

* Team leaders from one university can be in the working area of the expert examination group only at the time of passing the tests by the last team from this university according to the draw.

9.3.11. Intellectual tournament.

The intellectual tournament consists of four stages. During the intellectual tournament, theoretical knowledge is assessed in the following categories:

- 1. Main sections of pediatrics;
- 2. Main sections of pediatric surgery;
- 3. Assessment of general erudition in near-medical areas (art in medicine, history of medicine, etc.).

Medical quest

- whole team is involved;
- this stage includes the passage of a series of theoretical stations in various areas of pediatrics;
- no more than 10 minutes are allowed to pass one station;
- the quality of passing each station will be evaluated by the tutors of the stations;

What? Where? When?

- whole team is involved;
- This stage includes a classic game of What? Where? When? on medical and near-medical issues;
- the evaluation of the results will be carried out by the jury;

Competition of clinicians "Five questions"

- One person participates. The choice of the participant of the competition from the team is determined by a draw;
 - this stage consists of solving 2 situational problems;
 - 90 minutes are allowed for solving and completing tasks;
 - the evaluation of the decision will be carried out by the jury;
 - the evaluation of a situational task is carried out in accordance with the standard.

Erudite Competition "All or Nothing"

- whole team is involved;
- this stage includes 4 groups of tasks of different complexity (1 is the easiest, 4 is the most difficult), each of which contains 4 questions
 - the time allotted for solving the tasks of the competition is 20 minutes;
- for each correct answer, the team receives points corresponding to the difficulty category of the question;

- for an incorrectly specified answer, points will be deducted in accordance with the category of difficulty of the question:
 - 1 category of complexity (1 question 1 point)
 - 2 category of complexity (1 question 2 points)
 - 3 category of complexity (1 question 3 points)
 - 4 category of complexity (1 question 4 points)
 - no points will be deducted for non-response.
- 9.3.12. Anniversary quest

Participants will learn the rules and conditions for passing the station directly at the event.

9.3.13. Talent contest "Creative five-minute"

Rules of the event:

- Both individual team members and the entire team can participate in the competition;
- The talent competition includes 2 stages: qualifying and final

Qualifying stage: Evaluation of video performances.

To participate in the qualifying stage, participants need to record a video representation of themselves and the planned performance in any form.

Video requirements:

- The video duration is up to 3 minutes.
- The video format is mp4.

The video must be attached as a file to the application in the appropriate form posted in the official Forum group <u>https://vk.com/virtuozpediatrii</u> or on the website <u>https://pediatricforum-sechenov.ru/</u>.

OThe evaluation of video submissions is carried out by an expert commission. The participants who have successfully passed the selection will be invited to the final stage no later than April 14, 2024. Final: face-to-face performance

Summing up the results of the Competition will be held on the closing day of the Olympiad "Virtuoso of Pediatrics".

9.4. The procedure for summing up the results of the «Virtuoso of Pediatrics» Olympiad

- 9.4.1. Summing up the results, determining the prize-winners and winners of the Olympiad is carried out according to the rating system
 - According to the results of the game, a table is formed indicating the points of the teams for each of the stages of the Olympiad.
 - In the "Intellectual Tournament" stage, points for solving the "Competition of Clinicians" are counted separately for each of the tasks.
 - In the practical stage, the points for passing each of the stations are counted separately.
 - The teams are ranked in descending order of points for each stage of the Olympiad.
 - Accordingly, each team is assigned a rating number to the ranked list of the stage (the team with the highest score is assigned a rating number "1", etc.).
 - According to the results of the Olympiad, the rating numbers of the stages are summed up with the formation of the final rating numbers.
 - The teams are ranked in ascending order (from lower to higher) by the value of the final rating numbers.
 - The team with the lowest arithmetic value of the final rating number becomes the winner of the Olympiad.

- 9.4.2. Winners and prize-winners of the Senior Olympiad are determined at a jury meeting and
- 9.4.3. approved by the protocol.
- 9.4.4. All participants of the Senior Olympiad receive a Participation Certificate.
- 9.4.5. Teams with the same number of points scored are allowed to award equivalent prizes.
- 9.4.6. The winners of the Senior Olympiad are awarded diplomas of the 1st degree, 2nd or 3rd degree, depending on the results achieved, as well as valuable prizes
- 9.4.7. Individual representatives of the teams and the team as a whole can receive diplomas as particularly distinguished in individual competitions.

Appendix 1

Requirements for the design of abstracts

The volume of the main text of the work should not exceed 2500 characters in the Microsoft Word text editor, in *doc format (in Russian; Times New Roman font, 14 pt; single line spacing, right margin - 1.5 cm, the rest – 2.0 cm; paragraph indentation – 1.25 cm, text alignment to the width of the page, without hyphenation, figures, tables and formulas).

The Organizing Committee may contact the authors regarding minor changes.

Based on the decision of experts, the work can be attributed to another scientific direction.

The author is responsible for the accuracy of the data and the scientific content of the work.

Works executed in violation of the requirements will not be considered.

Information about the experts' decision will be sent by e-mail.

The order and rules for the design of the main elements of materials for publication

1. Title of the publication.

2. Information about the author(s):

- surname, first name, patronymic (in full);
- the place of work (study) of the author(s) indicating the postal address with an index. It is important to clearly indicate, without allowing any other interpretation, the place of work (study) of a particular author and his position;
- Contact information, e-mail, the phone number of the first author (*This information is necessary to ensure the possibility of contacting the conference participant in case of unforeseen situations*).

3. Information about the scientific supervisor(s):

- surname, first name, patronymic (in full)
- position, title
- • place of work (study) with indicating the postal address with the index. It is important to clearly, without allowing a different interpretation, indicate the place of work (study) of a particular supervisor. If scientific supervisors work or study in the same institution, you can not specify the place of work of each supervisor separately.
- 4. Annotation (no more than 3-5 lines).
- 5. Keywords (up to 10 words): each word or phrase is separated from the other by a comma or semicolon.
- 6. *Thematic rubricator:* UDC/LBK and/or DOI and/or other classification indexes or registration systems (GSNTI, SPIN code, etc.)
- 7. The main text of the work (no more than 2500 characters).

For research work, the text of the work should contain the following sections:

- Relevance
- Purpose
- Materials and methods
- Results
- Conclusions

For a clinical case, the text of the work should contain the following sections:

- Relevance
- The purpose of demonstrating a clinical case
- Description of the clinical case
- Conclusions

IMPORTANT! Paragraphs 1, 2, 3, 4 are given in Russian and English.

Appendix 2

The order for holding of the qualifying round of the «Kaleidoscope of Knowledge» Olympiad

(will be posted 1 month before the round)