



III International Scientific and Practical Conference
«FUNDAMENTAL SCIENCE FOR PRACTICAL MEDICINE-2023»
ADDITIVE TECHNOLOGIES, MODERN MATERIALS AND PHYSICAL
METHODS IN MEDICINE: INNOVATIONS

Date of the conference: September 6-9, 2023
September 7-8, 2023 – scientific program

Conference venue: Russian Federation, Elbrus village, Elbrus Educational and Scientific Complex of the Kabardino-Balkarian State University (EESC KBSU)



Form of participation: on-campus, extramural, online

Responsible organizers:

- Kabardino-Balkarian State University named after Kh.M. Berbekov

- State Budgetary Institution of Healthcare of the city of Moscow "Research Institute of Emergency Pediatric Surgery and Traumatology" of the Department of Healthcare of the City of Moscow

Co-organizers of the conference:

- Ministry of Science and Higher Education of the Russian Federation
- National Research Center «Kurchatov Institute»
- State Atomic Energy Corporation «Rosatom»
- Federal State Autonomous Educational Institution of Higher Education "National Research Technological University «MISIS»
- Federal State Autonomous Institution «National Medical Research Center of Neurosurgery named after Academician N. N. Burdenko» of the Ministry of Health of the Russian Federation
- Federal State Budgetary Institution «National Medical Research Center named after V. A. Almazov» of the Ministry of Health of the Russian Federation; Russian Research Neurosurgical Institute named after Professor A. L. Polenov
- Federal State Budgetary Institution of Science Institute of Metal Physics named after M.N. Mikheev of the Ural Branch of the Russian Academy of Sciences
- Federal State Budgetary Institution «National Medical Research Center of Pediatric Traumatology and Orthopedics named after G.I. Turner» of the Ministry of Health of the Russian Federation
- Federal State Budgetary Institution «National Medical Research Center of Traumatology and Orthopedics named after R.R. Vredena» of the Ministry of Health of the Russian Federation
- Moscow City Spinal Neurosurgical Center, L.A. Vorokhobov Moscow City Clinical Hospital No. 67
- Federal State Budgetary Educational Institution of Higher Education «Moscow State Medical and Dental University named after A.I. Evdokimov» of the Ministry of Health of the Russian Federation
- Interregional public organization «Khase of doctors»
- Federal State Budgetary Institution of Science Institute of High Molecular Compounds of the Russian Academy of Sciences
- Federal State Budgetary Institution of Science N.S. Enikolopov Institute of Synthetic Polymer Materials of the Russian Academy of Sciences

President:

Altudov Yuri Kambulatovich - Acting Rector of Kabardino-Balkarian State University named after H. M. Berbekov, Doctor of Technical Sciences, Doctor of Economics, Professor.

Co-president:

Mitish Valery Afanasievich - Director of the Research Institute of Emergency Pediatric Surgery and Traumatology, Head of the Department of Traumatology, Wounds and Wound

Infections, Doctor of Medicine, Associate Professor, surgeon of the highest qualification category, Honored Doctor of the Russian Federation.

Coordinators:



Hashirova Svetlana Yuryevna – Acting Vice-rector for Research of Kabardino-Balkarian State University named after H. M. Berbekov, Doctor of Chemistry, Professor.



Semenova Zhanna Borisovna - Chief supernumerary Pediatric Neurosurgeon, Head of the Department of Neurosurgery and Neurotrauma of the Research Institute of Emergency Pediatric Surgery and Traumatology of the Moscow City Health Department, Professor of the Department of Pediatric Neurosurgery of the Russian Academy of Medical Sciences, Professor of the Department of Hospital Surgery of the KBSU, Doctor of Medicine.

Conference topics:

1. Additive technologies in medicine.
2. Neurosurgery.
3. Maxillofacial surgery and dentistry.
4. Traumatology – orthopedics.
5. Surgery.
6. 3-D bioprinting.
7. Experimental modeling.
8. Mathematical modeling
9. Innovative technologies.
10. Medical polymers.
11. Physical methods in medicine.
12. Immunological aspects.
13. Cellular technology.

Regarding the results of the III International Scientific and Practical Conference «"Fundamental Science for Practical Medicine- 2023" Additive technologies, modern materials and physical methods in medicine. Topical issues» will be published and articles will be published in a peer-reviewed scientific journal (the journal is being clarify

По итогам III Международной научно-практической конференции «Фундаментальная наука для практической медицины- 2023» Аддитивные технологии,

современные материалы и физические методы в медицине. Актуальные вопросы A compilation of abstracts and articles will be published in a peer-reviewed scientific publication (the journal is yet to be specified).

The order of the conference:

- **Plenary session.** Oral reports. Regulation 30 min. (25 min. – report, 5 min– - questions)
- **Section sessions.** Oral reports. Regulation 15 min. (10 min. – report, 5 min– - questions)
- **Poster session.**
- **School for young scientists.**

Oral, plenary, and sectional reports are delivered both in person and online. Oral reports must be supported by a thesis in Russian and a multimedia presentation, which are given to the organizing committee by the participants.

Participants submit **poster reports** to the organizing committee in the form of an electronic layout. A thesis in Russian must accompany poster reporting.

School for Young Scientists - open lectures and master classes

The conference registration fee

| Categories of participants/Form of participation | of of | Early payment (27.02.2023-04.06.2023) | Standard payment (05.06.2023-31.07.2023) | Late payment (01.08.2023-20.08.2023) |
|--|-------|---------------------------------------|--|--------------------------------------|
| In general | | 7 000,00 rub. | 8 000,00 rub. | 10 000,00 rub. |
| Young scientists (up to 35 years old) | | 3 000,00 rub. | 4 000,00 rub. | 5 000,00 rub. |
| Postgraduates and students | | 1 500,00 rub. | 2 500,00 rub. | 3 500,00 rub. |
| Entourage | | 1 000,00 rub. | 2 000,00 rub. | 3 000,00 rub. |
| Online Participation | | 2 000,00 rub. | 2 000,00 rub. | 2 000,00 rub. |
| Extramural participation (only publication of the abstract and/or article) | | 1 500,00 rub. | 1 500,00 rub. | 1 500,00 rub. |

Payment of the registration fee is accepted only by bank transfer to the account of KBSU after the conclusion of the contract. The registration fee provides for information support during the preparation for the conference, preparation and publication of the proceedings of the conference and the program of the conference, printing of posters, transport services, providing participants with handouts and their participation in all scientific events during the conference.

Deadlines

| | |
|----------------|--|
| 06 March 2023 | Opening of applications, abstracts, articles, posters of presentations |
| 07 August 2023 | Completion of applications, abstracts, articles, posters and presentations |
| 18 August 2023 | Mailing of the scientific program |

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|-------|----------------|--|
| 06 | September 2023 | Arrival of the conference participants in the Elbrus region (Prielbruse) |
| 07-08 | September 2023 | Scientific program of the conference |
| 09 | September 2023 | Departure of the conference participants |

Visit

Participants in the conference can live in the EESC KBSU residential complex. When you apply for participation and pay the registration fee, your accommodation in the EESC is automatically reserved. Please keep in mind that seating is limited. When the number of available rooms is depleted, participants who completed the application and paid the registration fee first will be given priority.

The cost of living in EESC KBSU, per person per day:
 standard double room block type (2+2) — 1080 rub.
 comfort room — 1700 rub.
 student hostel — 600 rub.

Three meals per day at EESC KBSU cost 1200 rub per person per day. Payment for accommodation and meals at EESC KBSU is accepted in cash upon arrival, directly at EESC KBSU, with all issued closing accounting documents.

Participants can book their own accommodations in a variety of hotels within walking distance of EESC, such as Elbrus Plaza, Europe Peak, Metelitsa, Sky Elbrus, and others.

Transfer

On September 6, a meeting of participants will be held at the airport in Nalchik, followed by a transfer to the EESC building in Elbrus region. Buses will depart in accordance with the arrival schedule of the flights. An internal transfer from the university building in Nalchik to the EESC building in Elbrus region is provided for participants living in Nalchik and KBSU employees. The bus will leave the KBSU parade ground at 14:00 on September 6. Please keep in mind that an organized transfer to Elbrus region is only available on July 6th, and only from Nalchik.

Please take care of return tickets. The Organizing Committee does not provide return tickets.

On September 09, a transfer will be organized from Elbrus region to Nalchik to the airport building. Buses will depart from the EESC building, considering the time of departure of flights from Nalchik Airport.

An internal transfer from Elbrus region to Nalchik (to the KBSU building) is provided for participants living in Nalchik and KBSU employees. The bus will leave the EESC building at 9:00 a.m. on September 9. Please keep in mind that an organized transfer from Elbrus region to Nalchik is only available on September 9.

Contacts:

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