

**A joint NASEM-RAS symposium—
in cooperation with the IAEA**

***Opportunities and Approaches for
Supplying Molybdenum-99 and
Associated Medical Isotopes to Global
Markets: A Symposium***

**Dr. Stepan Kalmykov, Co-Chair
Moscow State University**

The National Academies of
SCIENCES • ENGINEERING • MEDICINE



Welcome!

Добро пожаловать

- **Long history of US and Russian Academies working together on important scientific and technical issues.**
- **The symposium's theme is one of these important issues.**

STATEMENT OF TASK

The **U.S. National Academies** and the **Russian Academy of Sciences** will organize a **joint symposium** to discuss opportunities and approaches for supplying molybdenum-99 (Mo-99) and associated medical isotopes to global markets. The symposium will address the following topics:

- Trends in global demand and supply for Mo-99 and associated medical isotopes.
- Prospects and approaches for developing new global supplies of Mo-99 and associated medical isotopes.
- Technical, regulatory, economic, and policy considerations for producing Mo-99 and associated medical isotopes for global markets using uranium-fission and other processes.

The symposium presentations and discussions will be summarized in a National Academies **proceedings** that will be issued **in English and Russian**.

SYMPOSIUM GOALS

- Bring together U.S., Russian, and other international experts to **share information** related to the statement of task.
- **Promote working relationships** among global experts, especially U.S. and Russian experts, **and a common understanding** of global supply chain needs and requirements.

THE EXPERT GROUP

NASEM Committee

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Geochemistry, Russian Academy of
Sciences

Boris L. Zhuikov

Institute for Nuclear Research
Russian Academy of Sciences

Consultants

Boris Myasoedov

Yuri Shiyan

Planning Meeting

April 10-11, 2017, Moscow



SYMPOSIUM AGENDA AT A GLANCE

Monday, July 17

- Technical presentations.....9:00 – 17:30
- Reception.....17:30 – 19:30

Tuesday, July 18

- Technical presentations.....9:00 – 17:30

Wednesday, July 19

- Briefing on IAEA activities on nuclear applications 11:30 – 12:30
- Tour of IAEA laboratories*14:00 – 16:00

* Bus departs 13:15 from VIC; pre-registration required



In Memory of Our Colleague and Friend

Academician Nikolai Pavlovich Laverov

Спасибо

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