



November 20-24, 2021, Moscow, Russia

The 6th International Symposium and Schools for Young Scientists on

Physics, Engineering and Technologies for Biomedicine

The Institute of Engineering Physics for Biomedicine of the National Research Nuclear University (PhysBio MEPhI) announces the International symposium and schools for young scientists and students organized in collaboration with the research centers of the Russian Academy of Sciences, of the Russian Ministry of Health, the State Atomic Energy Corporation and partner universities in Russia and abroad.

The Symposium aims at bringing together the leading researchers, high level engineers and experts in biophysics, bio-photonics, nuclear and nano-medicine to present their recent achievements and to take part in the following discussions.

Two schools for young scientists are scheduled within the Symposium, namely “Physics, Engineering and Technologies for Biomedicine” and “Nanotechnology Approaches for Highly Efficient Production, Detection and Delivery of Bioactive Compounds” which are addressed to students, young scientists and specialists whose activities are related to the life sciences and medicine.

The Symposium and Schools provide an opportunity to obtain knowledge in the latest advances in biomedicine, to exchange opinions and establish professional contacts all over the world. Virtual poster session is planned within the event.

The presentations and lectures embrace the following topics:

- **Nanomaterials for biomedical applications**
- **Bio-photonics for diagnosis and therapy**
- **Nuclear medicine**
- **Bioprinting**
- **Plasma and laser technologies for biomedicine**
- **Advanced approaches in MRI and PET**
- **Radiotherapy**
- **Novel contrast agents for radiation treatment of tumor**
- **Immunotherapy**
- **Engineering in translational medicine**

Important information

The Symposium is held on-line via **Zoom** platform

Schools are held in-person (with the option of remote connection)

The official language is English

Registration is free of charge at the webpage <https://it.mephi.ru/webform/873>

Zoom connection will be provided to the registered participants

Registration and abstract deadline is **November 15, 2021**

Detailed information is available on <http://physbio.mephi.ru/symp21/>

Questions can be addressed to Organizers by physbiosymp@mephi.ru

Key Speakers (Tentative)

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