

November 20-24, 2021  
Moscow, Russia



## Winners of the Poster Sessions for young scientists

ON-LINE FORMAT

### 1<sup>st</sup> place

**GLEB TIKHONOWSKI**

*Master's degree student, MEPhI, Russia*

Laser-ablative synthesis of stable size-tunable Bi nanoparticles and their functionalization for radiotherapy application

### 2<sup>nd</sup> place

**MARIIA BELOVA**

*Engineer, Sirius University of Science and Technology, Russia*

Plasmonic silver nanoparticles as an agent for cancer tumors photothermal therapy

### 3<sup>rd</sup> place

**OLESYA KOSHUBA**

*Master's degree student, MEPhI, Russia*

Fabrication and characterization of chondrospheres as biomaterials for 3d bioprinting of cartilage tissue in treatment of cartilage defects

**1<sup>st</sup> place**

**ANASTASIYA OLKHOVA**

*Graduate student, ITMO University, Russia*

Study of the photoluminescence decay kinetics of CuInS<sub>2</sub>/ZnS quantum dots

**2<sup>nd</sup> place**

**ELIZAVETA KOUDAN**

*Head of Cell Technologies Laboratory, 3D Bioprinting Solutions, Russia*

Creation of tissue-engineering constructs of various shapes by magnetic patterning of spheroids

**DARIA POMINOVA**

*Researcher, GPI RAS, MEPhI, Russia*

Study of local electromagnetic field enhancement by iron oxide nanoparticles

**3<sup>rd</sup> place**

**ELENA VORONKOVA**

*Master's degree student, MEPhI, Russia*

T2 map segmentation into the deep, intermediate, and superficial layers when staging of patellar cartilage chondromalacia