

November 21-25, 2020,
Moscow, Russia.



Winners of the Sessions for young scientists

Oral session in on-line format

1st place

GLEB TIKHONOWSKI

Laser-Ablative Synthesis of elemental Bi and Sm oxide Nanoparticles for Radiation Nanomedicine

2nd place

OLGA GRIAZNOVA

MIL-101 Fe as targeted drug delivery system

3rd place

ANASTASIIA LAZAREVA

Investigation the kinetics luminescence of CuInS₂/ZnS quantum dots

AZIZ MIRKASYMOV

Mononuclear phagocyte system blockade by nano-agents in various in vivo models

Posters displayed on Google disk

NIKITA CHERNOMYRDIN

Theoretical and experimental analysis of terahertz solid immersion imaging system

ANASTASIA KULICHENKO

Photodynamic therapy of malignant neoplasms of the tongue using the photosensitizer Chlorin E6

CATHERINE PAKHOMOVA

Modeling of tissue spheroids fusion and critical processes in it with the help of Function Representation approach (FRep) for the need of 3D bioprinting

LYUBOV PITERSKOVA

Fluorescence diagnostics and photodynamic therapy with Chlorin e6 "Photolon" in clinical gynecology

VLADISLAV ROZHKOVA

Visualization of radiotracers for SPECT imaging using a Timepix detector with a coded aperture

VICTORIA RYBACHUK

Regularities of the action of the antitumor drug doxorubicin together with silicon nanoparticles on mesenchymal stem cells

KSENIA ZAETZ

Investigation of self-organizing supramolecules based on amphiphilic molecules with a cyclodextrin group by atomic force microscopy method

DENIS GLECHIK

Investigation of the phenomenon of photobleaching and evaluation of the effectiveness of treatment using an LED photodynamic therapy device on optical phantoms

MARINA SHKURUPIY

Testing the capabilities of the designed phantom at intrafractional motion on the dose distribution in proton therapy-scanning beam