

Programme "Modern biomedicine technologies"

Curator of programme: **Andrei V. Kabashin** , Professor of Aix-Marseille University (France) and MEPhI, Scientific Adviser of the PhysBio of MEPhI

July 16, Monday, MEPhI		July 17, Tuesday, MEPhI, A-100		July 18, Wednesday, Prokhorov General Physics Institute		July 19, Thursday, MEPhI, A-100				
10.00-18.00	Arrivals and accomodation	09.00-10.00	Registration	10.00-11.20	Victor Loshchenov (General Physics Institute RAS, MEPhI) <i>Fluorescent diagnostics. Photodynamic therapy. Group I</i>	10.00-11.20	Vladimir Mironov (3D Bioprinting Solutions) <i>Organ Printing: Past, Presence and Future</i>			
		10.00-11.20	Andrey Kabashin (Aix-Marseille University (France), MEPhI) <i>Nanostructured plasmonic metamaterials for ultrasensitive biosensing</i>							
		11.20-11.30	Break					11.20-11.30	Break	
		11.30-12.50	Victor Tsetlin (Shemyakin-Ovchinnikov Institute of Bioorganic Chemistry, RAS) <i>Radioligand analysis, Electrophysiology and Fluorescence: on the Way from Venoms to Drugs</i>					11.40-13.00	11.30-12.50	Volodimir Lysenko (INSA de Lyon (France), MEPhI) <i>Nanosensors for biomedicine</i>
		12.50-13.00	Break					13.00-14.00		
14.00-16.00	Round table <i>"Breakthrough directions of nanomedicine in PhysBio MEPhI" conference hall, 3rd floor</i>	13.00-14.20	Vladimir Oleinikov (Shemyakin-Ovchinnikov Institute of Bioorganic Chemistry, RAS, MEPhI) <i>"Inanimate fluorescence". Inorganic fluorophores for medical diagnosis</i>	14.00-15.20	Victor Loshchenov (General Physics Institute RAS, MEPhI) <i>Fluorescent diagnostics. Photodynamic therapy. Group II</i>	13.00-14.20	Dmitriy Sosin (MEPhI) <i>Basics of cancer epigenetics</i>			
		14.20-15.20	Lunch	15.20-15.40				14.20-15.20	Lunch	
		15.20-16.40	Victor Timoshenko (MEPhI, Moscow State University) <i>Materials and methods of nanotheranostics</i>	15.40-17.00				15.20-16.40	Gauhar Mussabek (Al-Farabi Kazakh National University (Kazakhstan), MEPhI) <i>Chemical and electrochemical methods of nanoparticles formation for biomedical applications</i>	