



Mishin Alexey, PhD in Biophysics, senior researcher and deputy head of the Laboratory for Structural Biology of G-protein coupled receptors, one of the key organizers of the Research Center for Molecular Mechanisms of Aging and Age-related Diseases at Moscow Institute of Physics and Technology. In 2016, he defended his dissertation on obtaining and stabilizing human recombinant endothelin receptor in monomeric form. Winner of the Moscow Government Prize for Young Scientists 2022 in the category "Biology" and the Young Scientist medal of Russian Academy of Sciences, 2022 for the series of works focused on the structural and functional studies of lipid-sensing G-Protein coupled receptors", was also awarded

by the departmental award - breastplate "Young Scientist" of the Ministry of Science and Higher Education, 2022. Specialist in structural and functional biology of membrane proteins. Research interests include structural biology of GPCR receptors and membrane proteins, application of X-ray crystallography and cryo-electron microscopy, as well as other biophysical methods and cellular functional assays to study them. He was a key participant in large-scale projects to determine the spatial structures of cysteinyl leukotriene receptors, CysLT1 and CysLT2, and the sphingosine phosphate receptor S1P5 by X-ray diffraction analysis using synchrotron radiation and X-ray free-electron laser.