



Yury A. Trofimov
YuTrofimov@gmail.com

Yury Trofimov works as a research fellow in the Laboratory of biomolecular modeling of Shemyakin-Ovchinnikov Institute of Bioorganic Chemistry RAS, Moscow, Russia. Yury received the specialist degree in physics in 2010 and the PhD degree in 2020 at the National Research Nuclear University MEPhI. He joined IBCh RAS in 2017, where he works in the field of molecular biophysics. The main area of interest is the functioning of ion channels, in particular, the TRPV channels: their gating, ligand-induced activation/inhibition and thermosensitivity. Yury has expertise in the simulation of protein-biomembrane complexes and in the advanced analysis of the model and structural data. In his studies, Yury pays special attention to the 2D and 3D mapping of the physico-chemical properties of biomolecules and intermolecular interactions.