



Andrey A. Buglak

PhD in Chemistry

Dr. Andrey Buglak is a graduate of Moscow State University. In 2013 he received an award named after the corresponding member of the Russian Academy of Sciences V.L. Kretovich. He defended his PhD thesis called “Photobiochemistry of pterin coenzymes” in 2016 at the Federal Research Centre of Biotechnology. Since 2017 he works at the Faculty of Physics of St. Petersburg State University. He performed his QSPR research of porphyrins photonics during an internship at Kumamoto University in Japan (2020). In 2020 Dr. Buglak as a grant leader received Russian Science Foundation grant “Development and characterization of biosensor systems based on metal nanoclusters for the detection of biomarkers and phototherapy of vitiligo” (2020-2023). Andrey A. Buglak’ current research interests are focused, but not limited, on:

- Molecular modeling
- Quantum-chemical calculations
- QSAR/QSPR
- Photochemistry
- Nanotechnology