

CURRICULUM VITAE

PERSONAL DATA

Name: Viktoria Feoktistova
E-mail: feovika0@gmail.com
ORCID: <https://orcid.org/0009-0004-5703-9376>
Date of birth: 13/12/2001
Current Residence: Saint Petersburg (Russia)
Education: ITMO University



EDUCATION AND EXPERIENCE:

- 2019–2023: Bachelor's Degree Student of Herzen State University. Department of Chemistry. Speciality: Chemistry Education. Diploma Thesis: Synthesis and properties of a Pd(II)–Nile Red complex as part of extracurricular activities in medical-track classes.
- 2023 – 2025: Master's Degree student of ITMO University, Department of Biotechnology. Speciality: Industrial biotechnology. Diploma Thesis: Use of molecular modeling methods to identify ligands with enhanced affinity for the pUL56 subunit of human cytomegalovirus terminase.
- 2025- present: Ph.D. of ITMO University, Infochemistry Scientific Center. Speciality: Chemoinformatics. Thesis: Computational study of the structural and functional features of viral proteins and viral vectors using chemoinformatics and molecular modeling methods.

LIST OF PUBLICATIONS

1. Feoktistova, V. A., Baichurin, R. I., Novikova, T. A., Plekhanov, A. Yu. & Pyzyk, M. V. Spectral and emission properties of the water-soluble cationic Pd(II) complex with Nile red. *Optics and Spectroscopy* **131**, 264 (2023).
2. Demidov, E. V. *et al.* Influence of Nucleic Acids on Spectral Properties of Solutions of Pd(II) and Pt(II) Complexes with Aromatic Ligands. *High Energy Chem* **59**, 173–179 (2025).
3. Feoktistova, V. *et al.* Computational Investigation of Novel pUL56 Ligands Using Docking and Molecular Dynamics with Preliminary Cytotoxicity Evaluation: An Early-Stage Study. *Molecules* **31**, 1310 (2026).
4. Afolabi, S. O., Feoktistova, V. A., Skorb, E. V. & Shityakov, S. Applications of Genetic Engineering in Biomining Processes. in *Rethinking E-Waste for a Circular Future* (eds Aransiola, S. A., Etafo, N. O., Magami, I. M., Ajiboye, A. E. & Maddela, N. R.) 249–283 (Springer Nature Switzerland, Cham, 2026). doi:10.1007/978-3-032-25724-6_10.

5. Afolabi, S. O., Feoktistova, V. A., Skorb, E. V. & Shityakov, S. Classical substructure search versus LLM-assisted keyword retrieval in SciFinder: A case study on GABAB1 ligand discovery using a phenibut scaffold. *Computational Biology and Chemistry* **124**, 109245 (2026).
6. Feoktistova, V. A., Aruko, K., Skorb, E. V. & Shityakov, S. Beyond the flat screen: evaluating virtual reality as a complementary tool for molecular docking in drug discovery. *J Comput Aided Mol Des* **40**, 209 (2026).