



- IBMC Postgraduate
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Early-career researcher in biomedical informatics with training in medical biochemistry and current work in AI-driven analysis of biomedical literature. Interested in practical computational tools for computer-aided drug discovery, computational analysis of drug-drug interactions and digital pharmacology.

Currently affiliated with the Institute of Biomedical Chemistry, with research spanning literature mining, training ensemble ML/DL models for drug-drug interaction prediction, knowledge representation, and evidence-grounded support systems for biomedical research.

SELECTED PUBLICATIONS & CONFERENCE PAPERS

1. Tarasova, O.A.; Biziukova, N.Yu.; Stolbova, E.A.; Stolbov, L.A.; **Taktashov, R.R.** et al. Extraction of Information about Virus-Human Organism Interactions and Antiviral Compounds Based on Intelligent Analysis of Large Text Collections // Biomedical Chemistry. – 2024. – Vol. 70, No. 6. – P. 469–474. – DOI: [10.18097/PBMC20247006469](https://doi.org/10.18097/PBMC20247006469).
2. **Taktashov R.R.**, Biziukova N.Yu., Dmitriev A.V., Tarasova O.A. MedHopper: an agentic RAG-LLM system for multi-hop biomedical QA // Database. – 2026 – Vol. 2026. – DOI: [10.1093/database/baag047](https://doi.org/10.1093/database/baag047)
3. Islamaj R., Chan J., Leaman R., Jung J., Hwang H., Nguyen Q.-A., Le H.-Q., Saisudha H.G., Chandrasekar G., **Taktashov R.R.** et al. Overview of the MedHopQA track at BioCreative IX: track description, participation, and evaluation of systems for multi-hop medical question answering // Database. – 2026. – Vol. 2026. – DOI: [10.1093/database/baag046](https://doi.org/10.1093/database/baag046)