CURRICULUM VITAE

Name   Aleksey Komissarov
Name
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Education

2007-2012	Ph.D. studies: Institute of Cytology, Russian Academy of Sciences
	Ph.D. thesis: "Large tandem repeats in the mouse genome"
	Supervisor: Prof. Olga Podgornaya
2000-2007	M.Sc. studies: St. Petersburg State University Faculty of Biology and Soil Sciences, Department of Cytology and Histology
	M.Sc. thesis: "Cloning and characteristics of DNA from mouse chromocenters"
	Supervisor: Prof. Olga Podgornaya
1997-2000	Academic Gymnasium, Saint Petersburg State University

Employment

2024-current	Head of Artificial Intelligence, MetaGames Academy (part-time)
2022-current	Scientific mentor in AI Talent Hub, ITMO
2021-2024	Director of the Master's Program "Applied Genomics", ITMO
2019-2024	Head of Applied Genomics group, International Institute "Solution Chemistry of Advanced Materials and Technologies," ITMO
2019-2022	Leading scientist, ITMO University, Russia
2017-2019	Senior staff scientist: Genome Russia Project, Saint-Petersburg State University, Russia
2017-2018	Researcher: National technological initiative "Artificial Intelligent," iPavlov, MIPT, Russia
2015-2019	Senior staff scientist: Theodosius Dobzhansky Center for Genome Bioinformatics, Saint-Petersburg State University, Russia
2013-2015	Postdoc: Theodosius Dobzhansky Center for Genome Bioinformatics,

Saint-Petersburg State University (by supervision of Stephen J. O'Brien), Russia

2012-2013   Staff scientist: Institute of Cytology, Russian Academy of Sciences, Russia

2007-2012   PhD student: Institute of Cytology, Russian Academy of Sciences, Russia

Languages

English (professional working proficiency)
Russian (native)

Social links:

Linkidin: https://www.linkedin.com/in/akomissarov/
Personal github: https://github.com/ad3002
My lab github: https://github.com/aglabx
Publications: https://scholar.google.com/citations?user=Dy6-WaAAAAJ&hl=ru

h-index: 20
63 publications

Current scientific interests

Multi-agent systems and complex communication

Emergent communication in LLM-based agents

Embodiment of LLM-based agents

Integration of LLM-based agents in social sciences

AI-based approaches to bioinformatics and genomics

Tutorial activity (last two years)

Vibe Coding — Master's course (2025)

AI-Assisted Genome Bioinformatics — Master's course (2025)

Workshop on Applied Use of Language and Generative Models (2025)

Programming in Natural Language (2024)

Journal club about LLMs at Neapolis University Paphos (2024)

Advanced Machine Learning: from LLM to Agents at Neapolis University Paphos (2024)

Workshops on the Practical Use of Language and Generative Models at ITMO University (2024).

Assembly and annotation of eukaryotic genomes at ITMO University (2024).

Awards

Best supervisor for a master's student in ITMO University (2021)

ITMO Fellowship program (2019)

SPbU Postdoc program (2013)

Awarded Grants

ITMO Fellowship. 2019-2022. **Fellow.**
RFBR. 20-04-00808. Genomes and genetic diversity of mustelids (fam. Mustelidae) of Russia and South-Eastern Asia. 2019-2022. **Principal Investigator.**
RFBR. 17-00-00144. Assembly and annotation of genomes of vertebrates and invertebrates in the framework of G10K and GIGA projects. 2017-2020. **Principal Investigator.**
CSPMZ 219971 Collection of biosamples from patients with cardiovascular diseases to process their collection procedures, logistics, and analysis for further genetic analysis as part of a comprehensive system for personalized genetic risk prediction. 2019. **Principal Investigator**.
St. Petersburg State University grant (no 1.50.1623.2013). 2013-2015. **Postdoc**.

Publications https://scholar.google.com/citations?user=Dy6-WaAAAAAJ&hl=ru