Curriculum vitae: Alexey Danilkovich



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Education

1984–1987	USSR, Moscow	Academy of Sciences of the USSR	PhD student at the Laboratory of gene's synthesis; IBCH Acad Sci USSR
1979–1984	USSR, Moscow	Lomonosov Moscow State University	Department of Biology, Chair of Bioorganic chemistry

Teaching

2023–to date	Pushchino, Russian Federation 142290	Pushchino Branch of RosBioTech University at Pushchino	Gene engenerig; Physical chemistry; Molecular genetics
2019–2023	Pushchino, Russian Federation 142290	Federal Life Sciences Institute at Pushchino	Gene engenerig; Physical chemistry; Molecular genetics
2006–2019	Pushchino, Russian Federation 142290	Pushino Branch ROSBIOTECH State University	Gene engenerig

Work experience

1988–to date	Pushchino, Russian Federation 142290	State Center for Science by the Shemyakin & Ovchinnikov Institute of bioorganic chemistry at Pushchino	Ph.D. Scientist-Researcher

IBCh positions

2012–to date	Research fellow	

Skills

Comet assay in vivo, in vitro;

APL aproach to designing effective peptide ligands;

molecular dynamics;

Recombinant DNA and proteins.

Language Proficiency

Russian, English, Deutsch

Titles

	Doctor of Philosophy (Chemistry)

Contacts

https://www.webofscience.com/wos/author/record/E-4014-2010

Publications

1. **Danilkovich A**, Tikhonov D (2023). Theory of Liquids for Studying the Conformational Flexibility of Biomolecules with Reference Interaction Site Model Approximation. *Physics (Switzerland)* 5 (4), 1126–1144, 10.3390/physics5040073
2. **Danilkovich AV**, Turobov VI, Palikov VA, Palikova YA, Shepelyakovskaya AO, Mikhaylov ES, Slashcheva GA, Shadrina TE, Shaykhutdinova ER, Rasskazova EA, Tukhovskaya EA, Khokhlova ON, Dyachenko IA, Ismailova AM, Zinchenko DV, Navolotskaya EV, Lipkin VM, Murashev AN, Udovichenko IP (2023). C-Terminal Region of Caveolin-3 Contains a Stretch of Amino Acid Residues Capable of Diminishing Symptoms of Experimental Autoimmune Encephalomyelitis but Not Rheumatoid Arthritis Modeled in Rats. *Biomedicines* 11 (10), 2855, 10.3390/biomedicines11102855
3. **Danilkovich AV**, Tikhonov DA, Lipkin VM (2023). Dynamics of 24 Self-Assembling H-(RADA)4-OH Peptides Complexed in Bi-Layered Structure with Layers in syn- and anti-Orientation. *Russ. J. Bioorganic Chem.* 49 (3), 538–549, 10.1134/S106816202303010X
4. Palikova YA, Palikov VA, Novikova NI, Slashcheva GA, Rasskazova EA, Tukhovskaya EA, **Danilkovich AV**, Dyachenko IA, Belogurov AA, Kudriaeva AA, Bugrimov DY, Krasnorutskaya ON, Murashev AN (2022). Derinat® has an immunomodulatory and anti-inflammatory effect on the model of acute lung injury in male SD rats. *Front Pharmacol* 13, 1111340, 10.3389/fphar.2022.1111340
5. **Данилкович АВ**, Тихонов ДА (2019). Биогели. Структурные особенности комплексов антипараллельных и параллельных пептидов H-(RADA)4-OH со слоями в syn-ориентации. *Keldysh Preprints* (72), 24, 10.20948/prepr-2019-72
6. System Error!