Curriculum vitae: Denis Kudryavtsev



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Education

2025–2025	Russia, Moscow	Pirogov University	Implementation of GLP Principles in the organization and conduct of regulatory preclinical (non-clinical) studies
2024–2024	Russia, Moscow	Garant training	State and municipal procurement
2017–2020	Russia, Moscow	Lomonosov Moscow State University, Faculty of Law	bachelor
2006–2011	Russia, Moscow	Lomonosov Moscow State University, Bioorganic chemistry department of the Biology faculty	specialist

Teaching

2023–to date	Moscow	Sechenov University	

IBCh positions

2022–to date	Senior research fellow	
2026–2026	Associate Professor	
2017–2022	Research fellow	

IBCh memberships

	Educational-methodical commission

Language Proficiency

English

Awards

2016	Премия Правительства Москвы молодым ученым	

Scientific interests

allosteric interactions, neurochemistry, rational drug design, forensic science, intellectual property, empirical

methods in law

Scientific societies' membership

Member of European Society for Neurochemistry (ESN)

Member of International Society on Toxinology (IST)

Titles

2016	Doctor of Philosophy (Biological sciences)

Grants and projects

2016–2018	Study of the molecular mechanism of the muscle nicotinic receptor inhibition by makaluvamine G
2021–2024	The study of the Cys-loop receptor's role in neuroimmune interactions of glioblastoma multiforme
2018–2021	Polypeptide azemiopsin miorelaxant properties study

Publications

1. Gondarenko E, Ivanov I, Arkhangelskaya P, Timakina A, Pavlov V, Dyachenko I, Starkov V, Kasheverov I, Utkin Y, Tsetlin V, **Kudryavtsev D** (2026). Antivenomic and Proteomic Assessment of Inter- and Intrapopulation Venom Variations in Nikolsky's Adder Vipera nikolskii: Comparison to Common Adder Vipera berus. *J Proteome Res* 25 (9), 4546–4562, 10.1021/acs.jproteome.6c00088
2. Kiseleva V, Vishnyakova P, Kosyreva A, Karpulevich E, Tsvetkov I, Mashkova O, Kuznetsova M, Bagdasarian A, Karyagina V, Kiselev I, Lokhonina A, Bogoyavlenskaya A, **Kudryavtsev D**, Arutyunyan I, Soboleva A, Ryabova A, Elchaninov A, Sukhikh G, Fatkhudinov T (2026). Dual knockdown of Scn1b and Gsdmd induces an M2-like functional state in macrophages and modulates inflammation and fibrosis in a rat model of acute respiratory distress syndrome. *Mol Biol Rep* 53 (1), 1463, 10.1007/s11033-026-12658-1
3. Gondarenko E, Mazur D, Siniavin A, Arkhangelskaya P, Maiorov V, Ivanov I, Kasheverov I, Antipova N, Shelukhina I, **Kudryavtsev D** (2026). Nicotinic Acetylcholine Receptor of α7 Subtype is Linked to Glioblastoma Cholinergic Heterogeneity. *J Mol Neurosci* 76 (2), 63, 10.1007/s12031-026-02523-y
4. Mozhaeva VA, Vassilevski AA, Starkov VG, **Kudryavtsev DS**, Prokhorov KA, Garnov SV, Utkin YN (2025). Identification of animal venoms by Raman spectroscopy combined with principal component analysis. *Microchem J* 219, , 10.1016/j.microc.2025.115966
5. Kuzmenkov AI, Chudetsky IS, **Kudryavtsev DS**, Kasheverov IE, Tsetlin VI, Vassilevski AA (2025). Molecular Probes for the Visualization of Nicotinic Acetylcholine Receptors Based on Snake Three-Finger Toxins and Red Fluorescent Protein. *Russ. J. Bioorganic Chem.* 51 (5), 1936–1944, 10.1134/S1068162025601673
6. Grebenshchikov ES, Pravednikova AE, Bezsonov EE, **Kudryavtsev DS**, Larina SN, Shidlovskii YV (2025). Linking SIRT1 Variants to Metabolic and Cardiovascular Phenotypes: Insights from Population Genetics and In Silico Structural Analysis. *Cell Biochem Biophys* 84 (1), 199–210, 10.1007/s12013-025-01903-2
7. Severyukhina MS, Ojomoko LO, Shelukhina IV, **Kudryavtsev DS**, Kryukova EV, Epifanova LA, Denisova DA, Averin AS, Ismailova AM, Shaykhutdinova ER, Dyachenko IA, Egorova NS, Murashev AN, Tsetlin VI, Utkin YN (2024). Non-conventional toxin WTX and its disulfide-fixed synthetic fragments: Interaction with nicotinic acetylcholine receptors and reduction of blood pressure. *Int J Biol Macromol*

288, 138626, 10.1016/j.ijbiomac.2024.138626
8. Melentiev PN, Kalmykov AS, Gritchenko AS, Shemeteva MP, Safonova AM, Markov MS, Balykin VI, Bukatin AS, Vaulin NV, Belov DA, Evstrapov AA, Baklykov DA, Andriyash AV, Barbasheva AA, Kuguk AK, Ryzhkov VV, Rodionov IA, **Kudryavtsev DS**, Mozhaeva VA, Son LV, Tsetlin VI, Khlebtsov BN, Kobzev MS, Kuznetsova YO, Sharipov BT, Yashkin AS, Alekseev YI (2024). Optical methods for detection of single biomolecules: visualization, sensorics, sequencing of DNA molecules. *PHYS-USP*+ 67 (11), 1069–1083, 10.3367/UFNe.2024.07.039720
9. **Kudryavtsev DS**, Mozhaeva VA, Ivanov IA, Siniavin AE, Kalmykov AS, Gritchenko AS, Khlebtsov BN, Wang SP, Kang B, Tsetlin VI, Balykin VI, Melentiev PN (2024). Optical detection of infectious SARS-CoV-2 virions by counting spikes. *Nanoscale* 16 (26), 12424–12430, 10.1039/d4nr01236d
10. Luo A, He J, Yu J, Wu Y, Harvey PJ, Kasheverov IE, **Kudryavtsev DS**, McIntosh JM, Tsetlin VI, Craik DJ, Zhangsun D, Luo S (2024). Aspartic acid mutagenesis of αO-Conotoxin GeXIVA isomers reveals arginine residues crucial for inhibition of the α9α10 nicotinic acetylcholine receptor. *Int J Biol Macromol* 271 (Pt 1), 132472, 10.1016/j.ijbiomac.2024.132472
11. Mozhaeva VA, Starkov VG, **Kudryavtsev DS**, Prokhorov KA, Garnov SV, Utkin YN (2024). Analysis of intra-specific variations in the venom of individual snakes based on Raman spectroscopy. *Spectrochim Acta A* 314, 124239, 10.1016/j.saa.2024.124239
12. Son L, Kost V, Maiorov V, Sukhov D, Arkhangelskaya P, Ivanov I, **Kudryavtsev D**, Siniavin A, Utkin Y, Kasheverov I (2024). Efficient Expression in Leishmania tarentolae (LEXSY) of the Receptor-Binding Domain of the SARS-CoV-2 S-Protein and the Acetylcholine-Binding Protein from Lymnaea stagnalis. *Molecules* 29 (5), , 10.3390/molecules29050943
13. Gondarenko E, Mazur D, Masliakova M, Ryabukha Y, Kasheverov I, Utkin Y, Tsetlin V, Shahparonov M, **Kudryavtsev D**, Antipova N (2024). Subtype-Selective Peptide and Protein Neurotoxic Inhibitors of Nicotinic Acetylcholine Receptors Enhance Proliferation of Patient-Derived Glioblastoma Cell Lines. *Toxins (Basel)* 16 (2), 80, 10.3390/toxins16020080
14. Kost V, Sukhov D, Ivanov I, Kasheverov I, Ojomoko L, Shelukhina I, Mozhaeva V, **Kudryavtsev D**, Feofanov A, Ignatova A, Utkin Y, Tsetlin V (2023). Comparison of Conformations and Interactions with Nicotinic Acetylcholine Receptors for E. coli-Produced and Synthetic Three-Finger Protein SLURP-1. *Int J Mol Sci* 24 (23), 16950, 10.3390/ijms242316950
15. Kalinovskii AP, Pushkarev AP, Mikhailenko AD, **Kudryavtsev DS**, Belozerova OA, Shmygarev VI, Yatskin ON, Korolkova YV, Kozlov SA, Osmakov DI, Popov A, Andreev YA (2023). Dual Modulator of ASIC Channels and GABAA Receptors from Thyme Alters Fear-Related Hippocampal Activity. *Int J Mol Sci* 24 (17), , 10.3390/ijms241713148
16. Mozhaeva V, Starkov V, **Kudryavtsev D**, Prokhorov K, Garnov S, Utkin Y (2023). Differentiation of snake venom using Raman spectroscopic analysis. *J Mater Chem B Mater Biol Med* 11 (27), 6435–6442, 10.1039/d3tb00829k
17. Ivanov IA, Siniavin AE, Palikov VA, Senko DA, Shelukhina IV, Epifanova LA, Ojomoko LO, Belukhina SY, Prokopev NA, Landau MA, Palikova YA, Kazakov VA, Borozdina NA, Bervinova AV, Dyachenko IA, Kasheverov IE, Tsetlin VI, **Kudryavtsev DS** (2023). Analogs of 6-Bromohypaphorine with Increased Agonist Potency for α7 Nicotinic Receptor as Anti-Inflammatory Analgesic Agents. *Mar Drugs* 21 (6), 368, 10.3390/md21060368
18. Kasheverov IE, Logashina YA, Kornilov FD, Lushpa VA, Maleeva EE, Korolkova YV, Yu J, Zhu X, Zhangsun D, Luo S, Stensvåg K, **Kudryavtsev DS**, Mineev KS, Andreev YA (2023). Peptides from the Sea Anemone Metridium senile with Modified Inhibitor Cystine Knot (ICK) Fold Inhibit Nicotinic Acetylcholine Receptors. *Toxins (Basel)* 15 (1), 28, 10.3390/toxins15010028
19. Mozhaeva V, **Kudryavtsev D**, Prokhorov K, Utkin Y, Gudkov S, Garnov S, Kasheverov I, Tsetlin V (2022). Toxins' classification through Raman spectroscopy with principal component analysis. *Spectrochim Acta A* 278, 121276, 10.1016/j.saa.2022.121276
20. Shaykhutdinova ER, Kondrakhina AE, Ivanov IA, **Kudryavtsev DS**, Dyachenko IA, Murashev AN, Tsetlin VI, Utkin YN (2022). Synthetic Analogs of 6-Bromohypaphorine, a Natural Agonist of Nicotinic

Acetylcholine Receptors, Reduce Cardiac Reperfusion Injury in a Rat Model of Myocardial Ischemia. *Dokl Biochem Biophys* 503 (1), 47–51, 10.1134/S1607672922020132

21. Kasheverov I, **Kudryavtsev D**, Shelukhina I, Nikolaev G, Utkin Y, Tsetlin V (2022). Marine Origin Ligands of Nicotinic Receptors: Low Molecular Compounds, Peptides and Proteins for Fundamental Research and Practical Applications. *Biomolecules* 12 (2), 189, 10.3390/biom12020189
22. Tsetlin V, Haufe Y, Safronova V, Serov D, Shadamarshan P, Son L, Shelukhina I, **Kudryavtsev D**, Kryukova E, Kasheverov I, Nicke A, Utkin Y (2021). Interaction of α9α10 Nicotinic Receptors With Peptides and Proteins From Animal Venoms. *Front Cell Neurosci* 15, 765541, 10.3389/fncel.2021.765541
23. Kasheverov IE, Kuzmenkov AI, **Kudryavtsev DS**, Chudetskiy IS, Shelukhina IV, Barykin EP, ИвановIvanov IA, Siniavin AE, Ziganshin RH, Baranov MS, Tsetlin VI, Vassilevski AA, Utkin YN (2021). Snake Toxins Labeled by Green Fluorescent Protein or Its Synthetic Chromophore are New Probes for Nicotinic acetylcholine Receptors. *Front Mol Biosci* 8 (8), 753283, 10.3389/fmolb.2021.753283
24. Siniavin AE, Streltsova MA, Nikiforova MA, **Kudryavtsev DS**, Grinkina SD, Gushchin VA, Mozhaeva VA, Starkov VG, Osipov AV, Lummis SCR, Tsetlin VI, Utkin YN (2021). Snake venom phospholipase A2s exhibit strong virucidal activity against SARS-CoV-2 and inhibit the viral spike glycoprotein interaction with ACE2. *Cell Mol Life Sci* 78 (23), 7777–7794, 10.1007/s00018-021-03985-6
25. **Kudryavtsev D**, Isaeva A, Barkova D, Spirova E, Mukhutdinova R, Kasheverov I, Tsetlin V (2021). Point Mutations of Nicotinic Receptor α1 Subunit Reveal New Molecular Features of G153S Slow-Channel Myasthenia. *Molecules* 26 (5), , 10.3390/molecules26051278
26. Terpinskaya TI, Osipov AV, Kryukova EV, **Kudryavtsev DS**, Kopylova NV, Yanchanka TL, Palukoshka AF, Gondarenko EA, Zhmak MN, Tsetlin VI, Utkin YN (2021). α-Conotoxins and α-Cobratoxin Promote, while Lipoxygenase and Cyclooxygenase Inhibitors Suppress the Proliferation of Glioma C6 Cells. *Mar Drugs* 19 (2), , 10.3390/md19020118
27. Son L, Kryukova E, Ziganshin R, Andreeva T, **Kudryavtsev D**, Kasheverov I, Tsetlin V, Utkin Y (2021). Novel Three-Finger Neurotoxins from Naja melanoleuca Cobra Venom Interact with GABAA and Nicotinic Acetylcholine Receptors. *Toxins (Basel)* 13 (2), , 10.3390/toxins13020164
28. Zhu X, Pan S, Xu M, Zhang L, Yu J, Yu J, Wu Y, Fan Y, Li H, Kasheverov IE, **Kudryavtsev DS**, Tsetlin VI, Xue Y, Zhangsun D, Wang X, Luo S (2020). High Selectivity of an α-Conotoxin LvIA Analogue for α3β2 Nicotinic Acetylcholine Receptors Is Mediated by β2 Functionally Important Residues. *J Med Chem* 63 (22), 13656–13668, 10.1021/acs.jmedchem.0c00975
29. Melentiev PN, Son LV, **Kudryavtsev DS**, Kasheverov IE, Tsetlin VI, Esenaliev RO, Balykin VI (2020). Ultrafast, Ultrasensitive Detection and Imaging of Single Cardiac Troponin-T Molecules. *ACS Sens* 5 (11), 3576–3583, 10.1021/acssensors.0c01790
30. Nurkhametova D, Siniavin A, Streltsova M, **Kudryavtsev D**, Kudryavtsev I, Giniatullina R, Tsetlin V, Malm T, Giniatullin R (2020). Does Cholinergic Stimulation Affect the P2X7 Receptor-Mediated Dye Uptake in Mast Cells and Macrophages? *Front Cell Neurosci* 14, 548376, 10.3389/fncel.2020.548376
31. Semenov AN, Lugovtsov AE, Shirshin EA, Yakimov BP, Ermolinskiy PB, Bikmulina PY, **Kudryavtsev DS**, Timashev PS, Muravyov AV, Wagner C, Shin S, Priezzhev AV (2020). Assessment of Fibrinogen Macromolecules Interaction with Red Blood Cells Membrane by Means of Laser Aggregometry, Flow Cytometry, and Optical Tweezers Combined with Microfluidics. *Biomolecules* 10 (10), 1–20, 10.3390/biom10101448
32. **(conference)** Utkin Y, Kuch U, Osipov A, Kasheverov I, **Kudryavtsev D**, Starkov V, Ziganshin R, Mebs D, Tsetlin V (2020). Three finger neurotoxins: Recent discoveries and arising questions. *Toxicon* 177 Suppl 1, S10–S11, 10.1016/j.toxicon.2019.10.048
33. Vulfius CA, Lebedev DS, Kryukova EV, **Kudryavtsev DS**, Kolbaev SN, Utkin YN, Tsetlin VI (2020). NU-120596, a Positive Allosteric Modulator of Mammalian α7 Nicotinic Acetylcholine Receptor, is a Negative Modulator of Ligand-Gated Chloride-Selective Channels of the Gastropod Lymnaea stagnalis. *J Neurochem* 155 (3), 274–284, 10.1111/jnc.15020
34. Siniavin AE, Streltsova MA, **Kudryavtsev DS**, Shelukhina IV, Utkin YuN, Tsetlin VI (2020). Activation of

α7 Nicotinic Acetylcholine Receptor Upregulates HLA-DR and Macrophage Receptors: Potential Role in Adaptive Immunity and in Preventing Immunosuppression. *Biomolecules* 10 (4), 507, 10.3390/biom10040507

35. **Kudryavtsev DS**, Tabakmakher VM, Budylin GS, Egorova NS, Efremov RG, Ivanov IA, Belukhina SY, Jegorov AV, Kasheverov IE, Kryukova EV, Shelukhina IV, Shirshin EA, Zhdanova NG, Zhmak MN, Tsetlin VI (2020). Complex approach for analysis of snake venom α-neurotoxins binding to HAP, the high-affinity peptide. *Sci Rep* 10 (1), 3861, 10.1038/s41598-020-60768-y
36. Akimov MG, **Kudryavtsev DS**, Kryukova EV, Fomina-Ageeva EV, Zakharov SS, Gretskaya NM, Zinchenko GN, Serkov IV, Makhaeva GF, Boltneva NP, Kovaleva NV, Serebryakova OG, Lushchekina SV, Palikov VA, Palikova Y, Dyachenko IA, Kasheverov IE, Tsetlin VI, Bezuglov VV (2020). Arachidonoylcholine and Other Unsaturated Long-Chain Acylcholines Are Endogenous Modulators of the Acetylcholine Signaling System. *Biomolecules* 10 (2), , 10.3390/biom10020283
37. Lebedev D, Kryukova E, Ivanov I, Egorova N, Timofeev N, Spirova E, Tufanova E, Siniavin A, **Kudryavtsev D**, Kasheverov I, Zouridakis M, Katsarava R, Zavradashvili N, Iagorshvili I, Tzartos S, Tsetlin V (2019). Oligoarginine Peptides, a New Family of nAChR Inhibitors.*Mol Pharmacol* 96 (5), 664–673, 10.1124/mol.119.117713
38. **(conference)** Siniavin AE, Streltsova MA, **Kudryavtsev DS**, Tsetlin VI (2019). A7 nicotine acetylcholine receptor (NAChR) agonists strongly activate classical macrophages and increase the expression of HLA-DR molecules. *Allergy* 74 (S106), 138, 10.1111/all.13959
39. Kasheverov IE, Oparin PB, Zhmak MN, Egorova NS, Ivanov IA, Gigolaev AM, Nekrasova OV, Serebryakova MV, **Kudryavtsev DS**, Prokopev NA, Hoang AN, Tsetlin VI, Vassilevski AA, Utkin YN (2019). Scorpion toxins interact with nicotinic acetylcholine receptors.*FEBS Lett* 593 (19), 2779–2789, 10.1002/1873-3468.13530
40. Kryukova EV, Egorova NS, **Kudryavtsev DS**, Lebedev DS, Spirova EN, Zhmak MN, Garifulina AI, Kasheverov IE, Utkin YN, Tsetlin VI (2019). From Synthetic Fragments of Endogenous Three-Finger Proteins to Potential Drugs. *Front Pharmacol* 10, 748, 10.3389/fphar.2019.00748
41. **(conference)** Melentiev P, Son L, **Kudryavtsev D**, Afanasiev A, Kasheverov I, Tsetlin V, Balykin V (2019). Ultra-fast single troponine-T molecule sensing. *Optics InfoBase Conference Papers* , , 10.1109/CLEOE-EQEC.2019.8872744
42. Utkin Y, Vassilevski A, **Kudryavtsev D**, Undheim EAB (2019). Editorial: Animal Toxins as Comprehensive Pharmacological Tools to Identify Diverse Ion Channels. *Front Pharmacol* 10 (APR), 423, 10.3389/fphar.2019.00423
43. **(conference)** Melentiev P, Son L, **Kudryavtsev D**, Afanasiev A, Kasheverov I, Tsetlin V, Balykin V (2019). Ultra-fast single troponine-T molecule sensing. *Optics InfoBase Conference Papers* Part F140-CLEO_Europe 2019, .
44. Spirova EN, Ivanov IA, Kasheverov IE, **Kudryavtsev DS**, Shelukhina IV, Garifulina AI, Son LV, Lummis SCR, Malca-Garcia GR, Bussmann RW, Hennig L, Giannis A, Tsetlin VI (2019). Curare alkaloids from Matis Dart Poison: Comparison with d-tubocurarine in interactions with nicotinic, 5-HT3 serotonin and GABAA receptors. *PLoS One* 14 (1), e0210182, 10.1371/journal.pone.0210182
45. Diankin ID, **Kudryavtsev DS**, Zalevsky AO, Tsetlin VI, Golovin AV (2018). New binding mode of SLURP protein to α7 nicotinic acetylcholine receptor revealed by computer simulations. *Supercomputing Frontiers and Innovations* 5 (4), 73–77, 10.14529/jsfi180407
46. Yu J, Zhu X, Zhang L, **Kudryavtsev D**, Kasheverov I, Lei Y, Zhangsun D, Tsetlin V, Luo S (2018). Species specificity of rat and human α7 nicotinic acetylcholine receptors towards different classes of peptide and protein antagonists. *Neuropharmacology* 139, 226–237, 10.1016/j.neuropharm.2018.07.019
47. **Kudryavtsev DS**, Spirova EN, Shelukhina IV, Son LV, Makarova YV, Utkina NK, Kasheverov IE, Tsetlin VI (2018). Makaluvamine G from the Marine Sponge Zyzzia fuliginosa Inhibits Muscle nAChR by Binding at the Orthosteric and Allosteric Sites. *Mar Drugs* 16 (4), , 10.3390/md16040109
48. Durek T, Shelukhina IV, Tae HS, Thongyoo P, Spirova EN, **Kudryavtsev DS**, Kasheverov IE, Faure G, Corringer PJ, Craik DJ, Adams DJ, Tsetlin VI (2018). Interaction of Synthetic Human SLURP-1 with the

Nicotinic Acetylcholine Receptors. *Sci Rep* 7 (1), 16606, 10.1038/s41598-017-16809-0

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50. Kasheverov IE, Chugunov AO, **Kudryavtsev DS**, Ivanov IA, Zhmak MN, Shelukhina IV, Spirova EN, Tabakmakher VM, Zelepuga EA, Efremov RG, Tsetlin VI (2016). High-Affinity α-Conotoxin PnIA Analogs Designed on the Basis of the Protein Surface Topography Method. *Sci Rep* 6, 36848, 10.1038/srep36848
51. Vulfius CA, Spirova EN, Serebryakova MV, Shelukhina IV, **Kudryavtsev DS**, Kryukova EV, Starkov VG, Kopylova NV, Zhmak MN, Ivanov IA, Kudryashova KS, Andreeva TV, Tsetlin VI, Utkin YN (2016). Peptides from puff adder Bitis arietans venom, novel inhibitors of nicotinic acetylcholine receptors. *Toxicon* 121, 70–76, 10.1016/j.toxicon.2016.08.020
52. Kasheverov IE, Kryukova EV, **Kudryavtsev DS**, Ivanov IA, Egorova NV, Zhmak MN, Spirova EN, Shelukhina IV, Odinokov AV, Alfimov MV, Tsetlin VI (2016). Analysis of binding centers in nicotinic receptors with the aid of synthetic peptides. *Dokl Biochem Biophys* 470 (1), 338–341, 10.1134/S1607672916050070
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55. Malca Garcia GR, Hennig L, Shelukhina IV, **Kudryavtsev DS**, Bussmann RW, Tsetlin VI, Giannis A (2015). Curare Alkaloids: Constituents of a Matis Dart Poison.*J. Nat. Prod.* 78 (11), 2537–2544, 10.1021/acs.jnatprod.5b00457
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57. Utkin YN, Kasheverov IE, **Kudryavtsev DS**, Andreeva TV, Starkov VG, Ziganshin RH, Kuznetsov DV, Anh HN, Thao NTT, Khoa NC, Tsetlin VI (2015). Nonconventional three-finger toxin BMLCL from krait Bungarus multicinctus venom with high affinity interacts with nicotinic acetylcholine receptors. *Dokl Biochem Biophys* 464 (1), 294–297, 10.1134/S1607672915050099
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60. Kasheverov IE, Shelukhina IV, **Kudryavtsev DS**, Makarieva TN, Spirova EN, Guzii AG, Stonik VA, Tsetlin VI (2015). 6-Bromohypaphorine from marine nudibranch mollusk Hermissenda crassicornis is an agonist of human α7 nicotinic acetylcholine receptor. *Mar Drugs* 13 (3), 1255–1266, 10.3390/md13031255
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SY, **Kudryavtsev DS**, Ojomoko LO, Kryukova EV, Dolgikh DA, Kirpichnikov MP, Bregestovski PD, Tsetlin VI (2013). Water-soluble LYNX1 residues important for interaction with muscle-type and/or neuronal nicotinic receptors. *J Biol Chem* 288 (22), 15888–15899, 10.1074/jbc.M112.436576