СПИСОК
НАУЧНЫХ И МЕТОДИЧЕСКИХ ТРУДОВ
(ЗА ПОСЛЕДНИЕ ПЯТЬ ЛЕТ)

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№ п/п	Наименование	Характер работы	Выходные данные	Объем	Соавторы
1	**2**	**3**	**4**	**5**	**6**
НАУЧНЫЕ ПУБЛИКАЦИИ					
Научные статьи					
1.	The murine ortholog of Kaufman oculocerebrofacial syndrome gene Ube3b is crucial for the maintenance of the excitatory synapses in the young adult stage	печатная	Neurosci Lett . 2023 Feb 16;797:137059.		Saki Katsube , Noriko Koganezawa , Kenji Hanamura , Katherine J Cuthill , Mateusz C Ambrozkiewicz , Hiroshi Kawabe
2.	PCSK9 deficiency alters brain lipid composition without affecting brain development and function	печатная	Front Mol Neurosci. 2022; 15: 1084633		Angela Pärn,corresponding author , Ditte Olsen, Jürgen Tuvikene, Mathias Kaas, Ekaterina Borisova, Mesut Bilgin, Mie Elhauge, Joachim Vilstrup, Peder Madsen, Mateusz C. Ambrozkiewicz, Roman U. Goz, Tõnis Timmusk , Camilla Gustafsen, , Simon Glerup
3.	TrkB-dependent EphrinA reverse signaling regulates callosal axon fasciculate growth downstream of Neurod2/6	печатная	Cereb Cortex . 2022 Apr 23;bhac170.		Kuo Yan , Ingo Bormuth , Olga Bormuth , Svetlana Tutukova , Ana Renner , Paraskevi Bessa , Theres Schaub , Marta Rosário
4.	A critical period of translational control during brain development at codon resolution	печатная	Nat Struct Mol Biol . 2022 Dec;29(12):1277-1290	14	Dermot Harnett , Mateusz C Ambrozkiewicz , Ulrike Zinnall , Alexandra Rusanova , Ekaterina Borisova , Amelie N Drescher , Marta Couce-Iglesias ,

					Gabriel Villamil , Rike Dannenberg , Koshi Imami, Agnieszka Münster-Wandowski , Beatrix Fauler , Thorsten Mielke , Matthias Selbach , Markus Landthaler , Christian M T Spahn , Uwe Ohler, Matthew L Kraushar
5.	Interleukin-10 restores glutamate receptor-mediated Ca2+-signaling in brain circuits under loss of Sip1 transcription factor	печатная	Int J Neurosci . 2022 Feb;132(2):114-125.	11	Maria V Turovskaya , Ekaterina A Epifanova , Alexei A Babaev , Egor A Turovsky
6.	In vivo dynamics of acidosis and oxidative stress in the acute phase of an ischemic stroke in a rodent model	печатная	Redox Biol . 2021 Nov 3;48:102178.		Ilya V Kelmanson , Arina G Shokhina , Daria A Kotova , Matvei S Pochechuev , Alexandra D Ivanova , Alexander I Kostyuk , Anastasiya S Panova, Anastasia A Borodinova , Maxim A Solotenkov , Evgeny A Stepanov , Roman I Raevskii , Aleksandr A Moshchenko , Valeriy V Pak , Yulia G Ermakova , Gijsbert J C van Belle , Pavel M Balaban , Ilya V Fedotov , Andrei B Fedotov , Marcus Conrad , Ivan Bogeski , Dörthe M Katschinski , Thorsten R Doeppner , Mathias Bähr , Aleksei M Zheltikov , Vsevolod V Belousov , Dmitry S Bilan
7.	Split Chloramphenicol Acetyl-Transferase	печатная	J Mol Biol . 2021 Nov		Olga Levin-Kravets , Alina Kordonsky ,

	Assay Reveals Self-Ubiquitylation-Dependent Regulation of UBE3B		19;433(23):167276.		Anna Shusterman , Sagnik Biswas , Avinash Persaud , Sivan Elias , Yael Langut , Amir Florentin , Kobi J Simpson-Lavy , Elon Yariv , Reut Avishid , Mor Sror , Ofir Almog , Tal Marshanski , Shira Kadosh , Nicole Ben David , Bar Manori , Zohar Fischer , Jeremiah Lilly , Ekaterina Borisova , Mateusz C Ambrozkiewicz , , Martin Kupiec , Maulik Thaker , Daniela Rotin , Gali Prag
8.	Expanding the phenotype of NUP85 mutations beyond nephrotic syndrome to primary autosomal recessive microcephaly and Seckel syndrome spectrum disorders	печатная	Hum Mol Genet . 2021 Nov 1;30(22):2068-2081	14	Ethiraj Ravindran , Ramona Jühlen , Carlos H Vieira-Vieira , Thuong Ha , Yuval Salzberg , Boris Fichtman , Lena Luise-Becker , Nuno Martins , Sylvie Picker-Minh , Paraskevi Bessa , Peer Arts , Matilda R Jackson, Ajay Taranath, Benjamin Kamien, Christopher Barnett , Na Li , Gisela Stoltenburg-Didinger , Amnon Harel , Matthias Selbach , Achim Dickmanns , Birthe Fahrenkrog , Hao Hu, Hamish Scott , Angela M Kaindl
9.	The Role of Neurod Genes in Brain Development, Function, and Disease	печатная	Front Mol Neurosci. 2021; 14: 662774.		Svetlana Tutukova and Luis R. Hernandez-Miranda,
10.	Role of Satb1 and Satb2 Transcription Factors in the Glutamate Receptors Expression and Ca2+ Signaling in the Cortical Neurons In Vitro	печатная	Int J Mol Sci . 2021 May 31;22(11):5968		Egor A Turovsky , Maria V Turovskaya , Evgeniya I Fedotova , Alexey A Babaev , Elena G Varlamova

11.	TrkC-T1, the Non-Catalytic Isoform of TrkC, Governs Neocortical Progenitor Fate Specification by Inhibition of MAP Kinase Signaling	печатная	Cereb Cortex . 2021 Oct 22;31(12):5470-5486	16	Srinivas Parthasarathy , Swathi Srivatsa , A Ioana Weber , Nikolaus Gräber , Olga V Britanova , Ekaterina Borisova , Paraskevi Bessa 1, Mateusz C Ambrozkiewicz , Marta Rosário
12.	Ablation of Vti1a/1b Triggers Neural Progenitor Pool Depletion and Cortical Layer 5 Malformation in Late-embryonic Mouse Cortex	печатная	Neuroscience 463, 2021. с.303-316.	14	Sokpor, G., Rosenbusch, J., Kunwar, A.J.,Krieglstein, K., Staiger, J.F.
13.	Neuroprotective effect of kinase inhibition in ischemic factor modeling in vitro	печатная	International Journal of Molecular Sciences 22(4), с. 1-18. 2021.	18	Mitroshina, E.V., Loginova, M.M., Savyuk, M.O., Ivanchenko, M.V., Vedunova, M.V.
14.	SNAP to attention: A SNARE complex regulates neuronal progenitor polarity	печатная	J Cell Biol . 2021 Jan 4;220(1):e202011052.		
15.	Olig3 regulates early cerebellar development	печатная	eLife10,e64684, с. 1-25. 2021.	25	Lowenstein, E.D., Rusanova, A., Stelzer, J., Hernandez-Miranda, L.R.
16.	Adhesion dynamics in the neocortex determine the start of migration and the post-migratory orientation of neurons	печатная	Sci Adv . 2021 Jul 2;7(27):eabf1973.		Ekaterina Epifanova , Valentina Salina , Denis Lajkó , Kathrin Textoris-Taube , Thomas Naumann , Olga Bormuth , Ingo Bormuth , Stephen Horan , Theres Schaub , Ekaterina Borisova , Mateusz C Ambrozkiewicz , Marta Rosário
17.	Protein Synthesis in the Developing Neocortex at Near-Atomic Resolution Reveals Ebp1-Mediated Neuronal Proteostasis at the 60S Tunnel Exit	печатная	Molecular Cell 81(2), с. 304-322.e16.2021.	18	Kraushar, M.L., Krupp, F., Harnett, D., Selbach, M., Spahn, C.M.T.
18.	Genome-Wide Mutagenesis in Mice: In Search for Genes Regulating Immune	печатная	Russian Journal of Genetics 56(12), с. 1416-1423. 2020.	6	Astrakhantseva, I.V., Tomilin, A.N., Nedospasov, S.A.

	Responses and Inflammation				
19.	Molecular Evolution, Neurodevelopmental Roles and Clinical Significance of HECT-Type UBE3 E3 Ubiquitin Ligases	печатная	Cells 9(11). 2020.	5	Ambrozkiewicz, M.C., Cuthill, K.J., Harnett, D., Kawabe, H.,
20.	Single-beam optogenetic multimodal χ(3)/χ(5) nonlinear microscopy and brain imaging	печатная	Journal of Raman Spectroscopy 51(10), с. 1942-1950. 2020.	8	Lanin, A.A., Chebotarev, A.S., Pochechuev, M.S., Belousov, V.V., Zheltikov, A.M.
21.	Delineation of clinical manifestations of the inherited xq24 microdeletion segregating with sxci in mothers: Two novel cases with distinct phenotypes ranging from ube2a deficiency syndrome to recurrent pregnancy loss	печатная	Cytogenetic and Genome Research 160(5), с. 245-254. 2020.	9	Tolmacheva, E.N., Kashevarova, A.A., Nazarenko, L.P., Lebedev, I.N.
22.	Zeb2 Is a Regulator of Astrogliosis and Functional Recovery after CNS Injury	печатная	Cell Reports 31(13),107834. 2020.	6	Vivinetto, A.L., Kim, I.-D., Goldberg, D.C., Cho, S., Cave, J.W.
23.	Human endogenous retrovirus HERVK(HML-2) RNA causes neurodegeneration through Toll-like receptors	печатная	JCIInsight 5(7),e131093. 2020.	5	Dembny, P., Newman, A.G., Singh, M., Mayer, J., Lehnardt, S.
24.	Srsf10 and the minor spliceosome control tissue-specific and dynamic sr protein expression	печатная	eLife 9. 2020.	3	Meinke, S., Goldammer, G., Weber, A.I.,Preussner, M., Heyd, F.
25.	Erratum: Publisher Correction: mTORC1 and mTORC2 Differentially Regulate Cell Fate Programs to Coordinate Osteoblastic Differentiation in Mesenchymal Stromal Cells	печатная	Scientific reports 10(1), с. 3740. 2020.	2	Schaub, T., Gürgen, D., Maus, D., Dragun, D., Hegner, B.
26.	Cell-specific three-photon-fluorescence brain imaging: Neurons, astrocytes, and gliovascularinterfaces	печатная	Optics Letters 45(4), с. 836-839. 2020.	4	Lanin, A.A., Pochechuev, M.S., Chebotarev, A.S., Belousov, V.V., Zheltikov, A.M.
27.	mTORC1 and mTORC2 Differentially Regulate Cell Fate Programs to	печатная	Scientific Reports 9(1),20071. 2019.	3	Schaub, T., Gürgen, D., Maus, D., Dragun, D.,

	Differentially Regulate Cell Fate Programs to Coordinate Osteoblastic Differentiation in Mesenchymal Stromal Cells		9(1),20071. 2019.		Gürgen, D., Maus, D., Dragun, D., Hegner, B.
28.	Investigating mechanisms of axon navigation using microfluidic methods	печатная	Opera Medica et Physiologica 5(1), с. 1-6. 2019.	6	Gladkov, A., Pigareva, Y., Antipova, O., Kazantsev, V., Pimashkin, A.
29.	Role of Zeb2/Sip1 in neuronal development	печатная	Brain Research. 2019.	7	Epifanova, E., Babaev, A., Newman, A.G.
30.	Intracellular Neuroprotective Mechanisms in Neuron-Glial Networks Mediated by Glial Cell Line-Derived Neurotrophic Factor	печатная	Oxidative Medicine and Cellular Longevity 2019,1036907. 2019.	5	Mitroshina, E.V., Mishchenko, T.A., Shirokova, O.M., Vedunova, M.V.
31.	Stain-free subcellular-resolution astrocyte imaging using third-harmonic generation	печатная	Optics Letters 44(12), с. 3166-3169. 2019.	4	Pochechuev, M.S., Lanin, A.A., Kelmanson, I.V., Belousov, V.V., Zheltikov, A.M.
Материалы конференций					
Международные					
1	Phenotypical characteristics of the mutant mice strain s5-1 prone to epileptiform activity	печатная	Opera Medica et Physiologica.2021.	3	Rybakova V. P. Mitina N. N. ZHidkova N. M. Babaev A. A.
2	Идентификация новых мутантных линий мышей, проявляющих признаки эпилепсии	печатная	Сборник трудов XV международного междисциплинарного конгресса НЕЙРОНАУКА ДЛЯ МЕДИЦИНЫ И ПСИХОЛОГИИ, с.160-161.2019.	2	Рыбакова В.П., Жидкова Н.М., Белоусова И.И., Бабаев А.А.

Список верен:

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