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Vasily V. Grinev

[Department of Genetics](#)

Vasily V. Grinev



**Candidate of Sciences in Biology, Associate Professor,
Scientific Head of the Sector of Human Molecular Genetics.**

News | [Curriculum Vitae](#) | [Educational work](#) | [Research](#) | [Publications](#) | [Software](#) | [Presentations](#) | [Contacts](#)

August 20, 2018.

Vasily V. Grinev took part in the summer school "An interdisciplinary summer school on mining of biological data for master and PhD students" (11-19 August, 2018, Faculty of Science and Technology, Norwegian University of Life Sciences, As, Norway) as Visiting Professor.

July 30, 2018.

Our new article "Volkau A. U., Yatskou M. M., Grinev V. V. A study of the feature selection algorithm impact on exon classification" was submitted to the "Journal of Belarusian State University. Physics".

May 15, 2018.

Our article "Grinev V. V. Intron retention in the transcriptome of leukemic and normal human blood cells" was accepted for publication in "Molecular and Applied Genetics".

April 20, 2018.

Our new R-based software "RNAexploreR" was launched as Shiny Web application. This online tool is freely available at https://dsa-cm.shinyapps.io/NIR_bio_code_Sh/.

July 13, 2017.

Our new RNA splicing related article "The determinants of alternative RNA splicing in human cells" was published in *Molecular Genetics and Genomics*. This article is available under URL <https://link.springer.com/article/10.1007/s00438-017-1350-0> or <https://www.ncbi.nlm.nih.gov/pubmed/28707092>

May 15, 2017.

Our new software article "CeINetAnalyzer: high-performance Java package for the topological analysis of cellular networks" was published in *Journal of Bioinformatics and Genomics*. This article is available under URL

<http://journal-biogen.org/article/view/53>

December 5, 2016.

Vasily V. Grinev has been invited as a visiting professor of bioinformatics to Wolfson Childhood Cancer Centre at Newcastle University (Newcastle upon Tyne, UK) in the time between January 2017 and March 2017.

November 26, 2016.

Vasily V. Grinev has been invited to project "Multidisciplinary graduate and post-graduate education in big data analysis for life sciences". This is collaborative project between Norwegian University of Life Sciences and Belarusian State University which was approved by Norwegian Centre for International Cooperation in Education.

November 1, 2016.

Vasily V. Grinev has started his D.Sc. programme.

October 8, 2016.

Vasily V. Grinev has started a new software project "[Transcriptome analysis](#)" at GitHub repository.

June 7, 2016.

The core part of our analytical work that concerns indirect effect of the RUNX1-RUNX1T1 fusion gene on global alternative splicing in human t(8;21)9q22;q22-positive acute myeloid leukemia cells has been successfully finished. Soon to be available our publication associated with this project.

February 10, 2016.

Our project "Development of a model and software to analysis of alternative splicing of the primary mRNAs of the human fusion oncogene RUNX1/RUNX1T1" has been approved and signed by State Advisory Council at research program "Convergence-2020" for next three years.

December 8, 2015.

Vasily V. Grinev and co-authors have published new guidelines "Methodological approaches to the analysis of the fusion oncogene AML1-ETO expression in human leukemia cells" (Belarusian State University Press, Minsk, 2015. 71 pp).

September 18, 2015.

Vasily V. Grinev has launched a new blog "Analysis of transcriptome" at <http://s-transcriptomics.blogspot.com.by>

September 15, 2015.

Our article "RUNX1T1/MTG8/ETO gene expression status in human t(8;21)(q22;q22)-positive acute myeloid leukemia cells" (PubMed ID 24976338) has been cited in Leukemia Research (PubMed ID 25052308), PLoS ONE (PubMed ID 26208102) and Blood (PubMed ID 26333776).

September 11, 2015.

Our new project "Development of a model and software to analysis of alternative splicing of the primary mRNAs of the human fusion oncogene RUNX1/RUNX1T1" has been approved by State Advisory Council at research program "Convergence-2020".

September 9, 2015.

Our new article "Grinev V. V., Migas A. A., Kirsanova A. D., Mishkova O. A., Siomava N., Ramanouskaya T. V., Vaitsiankova A. V., Ilyushonak I. M., Nazarov P. V., Vallar L., Aleinikova O. V. Decoding of exon splicing patterns in the human RUNX1-RUNX1T1 fusion gene. // The International Journal of Biochemistry and Cell Biology. - 2015. - doi:10.1016/j.biocel.2015.08.017" has been included in PubMed literature database under ID 26320575.

August 24, 2015.

Our new article "Grinev V. V., Migas A. A., Kirsanova A. D., Mishkova O. A., Siomava N., Ramanouskaya T. V., Vaitsiankova A. V., Ilyushonak I. M., Nazarov P. V., Vallar L., Aleinikova O. V. Decoding of exon splicing patterns in the human RUNX1-RUNX1T1 fusion gene" has been accepted for publication in The International Journal of Biochemistry and Cell

Biology under doi:10.1016/j.biocel.2015.08.017

July 22, 2015.

Our new research project "Development a CRISPR/Cas-based vector system for modulating gene expression in human cells" has been approved by State Advisory Council at research program "Biotechnologies".

July 15, 2015.

Our new research project "Assessment of splicing and transcriptome quality control systems in children's acute myeloid leukemia" has been approved by State Advisory Council at research program "Fundamental and applied science to the medicine".

May 1, 2015.

Our new manuscript "Grinev V. V., Migas A. A., Kirsanova A. D., Mishkova O. A., Siomava N., Ramanouskaya T. V., Vaitsiankova A. V., Ilyushonak I. M., Nazarov P. V., Vallar L., Aleinikova O. V. Decoding of exon splicing patterns in the human RUNX1-RUNX1T1 fusion gene" has been submitted to The International Journal of Biochemistry and Cell Biology.

October 9, 2014.

Our new JAVA-package CelNetAnalyzer now is freely available on our Web-site http://bio.bsu.by/genetics/grinev_software.html

July 8, 2014.

Our recent publication in Leukemia Research has received special attention from the editorial board. Editorial comments are set out in the brief communication "Kim J. H., Ahn E. Y. Transcript variants of RUNX1T1: New insight into t(8;21)-positive leukemia. // Leukemia Research. 2014 Jul 8. doi:10.1016/j.leukres.2014.06.023".

June 13, 2014.

Our new work "Migas A. A., Mishkova O. A., Ramanouskaya T. V., Ilyushonak I. M., Aleinikova O. V., Grinev V. V. RUNX1T1/MTG8/ETO gene expression status in human t(8;21)(q22;q22)-positive acute myeloid leukemia cells" has been published in the journal Leukemia Research (doi:10.1016/j.leukres.2014.06.002) and included in PubMed literature database under ID 24976338. This publication describes a solution of problem which has 20-year history.

May 6, 2014.

Vasily V. Grinev has registered a new account at ResearchGate (a social networking site for scientists and researchers). You are welcome to visit this account at https://www.researchgate.net/profile/Vasily_Grinev?ev=hdr_xprf

April 23, 2014.

The core part of our sequencing project has been successfully finished. This project aims to identify the structural diversity of RNA products of genes associated with translocation t(8;21)(q22;q22) in acute myeloid leukemia cells. Work on the project carried out jointly with the Belarusian Research Center for Pediatric Oncology, Hematology and Immunology under the overall supervision of Dr. Vasily V. Grinev. The sequences of identified RNA transcripts were deposited in GenBank. These sequences have been also included in updated releases of the UCSC Genome Browser and UniProtKB. Soon to be available our publications associated with this project.

March 12, 2014.

New "Practical application of the scientific results in teaching process" under the title "Short hairpin RNAs-based control of oncogenes expression in human cells" was registered. The authors of the proposal are Vasily V. Grinev, Tatiana V. Ramanouskaya and Ilya M. Ilyushonak.

January 8, 2014.

New "Practical application of the scientific results in teaching process" under the title "Reconstruction and topological analysis of the gene regulatory networks in human cells" was registered. The authors of the proposal are Vasily V. Grinev and Vitaly S. Charapovich.

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