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GitHub: github.com/andreyshabalin

Google Scholar: scholar.google.com/citations?hl=en&user=wXj_PpsAAAAJ

NCBI Bibliography: ncbi.nlm.nih.gov/sites/myncbi/110_9pCfUhMkh/bibliography/51285584/public

Education:

2005 – 2010,	Ph.D. in Statistics, Department of Statistics and Operations Research, University of North Carolina at Chapel Hill. Professor Andrew B. Nobel
2002 – 2004,	M.A. in Economics, New Economic School, Moscow, Russia
1997 – 2002,	M.S. in Mathematics (w/ honors), Moscow State University, Moscow, Russia

Positions:

2017 – now,	Research Assistant Professor, University of Utah
2014 – 2017,	Research Assistant Professor, Virginia Commonwealth University
2012 – 2014,	Postdoctoral Researcher in Computational Genetics, VCU
2010 – 2012,	Postdoctoral Research Associate in Biostatistics, UNC
2004 – 2005,	Economist, Centre for Economic and Financial Research, Moscow, Russia
2004 – 2005,	Research Assistant, New Economic School, Moscow, Russia

Teaching Experience:

R25 Training in Advanced Statistical Methods in Neuroimaging and Genetics, 2021-2025
Responsibilities: conduct lectures on Statistics, Genetics, and Bayesian PRS methods,
design comp lab assignments, manage virtual environment.

Talk at PGC day at WCPG on variable selection/shrinkage methods, October 15, 2021

Introduction to Statistics, Instructor, UNC-CH, Spring – Fall 2009
Responsibilities: conduct lectures, design homework and exams, grade exams.

Econometrics and Time-series analysis, Instructor,
State University of Humanities, Moscow, Russia, Fall 2003 – Spring 2004
Responsibilities: complete charge of the course – choose textbook, conduct lectures, etc.

Applied Time Series Econometrics, Econometrics IV, and Continuous Time Finance,
Instructor Assistant, New Economic School, Moscow, Russia, Fall 2004 – Spring 2005
Responsibilities: conduct sessions, grade homework and exams.

Elements of Statistics, Instructor Assistant,
International College of Economics and Finance, Moscow, Russia, Fall 2003 – Spring 2004
Responsibilities: conduct sessions, grade homework and exams.

Programming languages:

R (packages on CRAN, Bioconductor, GitHub, see Matrix eQTL, RaMWAS, ACMEeqtl)
Matlab (multithreaded and GPU programming, vectorization, see LAS, XPN, Matrix eQTL)
Java, C# (multithreaded programming, complex data structures, see LAS, FastMap)
Bash scripting and genetics tools (parallel, bcftools, see SNOWCAT)

Software developed:

Matrix eQTL. Ultra fast eQTL analysis via large matrix operations

R at CRAN, http://www.bios.unc.edu/research/genomic_software/Matrix_eQTL/

SNOWCAT. Genome-wide association studies with correction for local ancestry

R at GitHub, <https://github.com/andreyshabalin/snowcat>

RaMWAS. Fast Methylo-me-Wide Association Study Pipeline for Enrichment Platforms

R at Bioconductor, <https://bioconductor.org/packages/ramwas>

Filematrix. File-Backed Matrix Class with Convenient Read and Write Access

R at CRAN and GitHub, <https://github.com/andreyshabalin/filematrix>

shiftR. Very fast circular permutation analysis on binary outcomes

R at GitHub, <https://github.com/andreyshabalin/shiftR>

TwinEQTL: Fast eQTL for data with twins

R at GitHub, <https://github.com/andreyshabalin/TwinEQTL>

ACMEeqtl. Estimation of Interpretable eQTL Effect Sizes Using a Log of Linear Model

R at GitHub, <https://github.com/andreyshabalin/ACMEeqtl>

DOQTL. Genotyping and QTL Mapping in Diversity Outbred Mice

R at Bioconductor, <https://bioconductor.org/packages/release/bioc/html/DOQTL.html>

LAS Biclustering. Finding large average submatrices in high-dimensional data.

C# (with GUI) and Matlab, <https://genome.unc.edu/las/>

FastMap. Fast gene expression quantitative trait loci mapping tool.

Java (with GUI), <http://comptox.unc.edu/fastmap.php>

XPN. Cross-platform normalization method for combining gene expression data

Matlab, <https://genome.unc.edu/xpn/>

SWITCHdna. SupWald identification of DNA copy changes

R, <https://genome.unc.edu/pubsup/SWITCHdna/>

Publications:

Phenome-wide diagnostic comparison among suicide deaths and living individuals with chronic pain diagnoses

E DiBlasi, EA Kaufman, S Webster, EE Hagn, **AA Shabalin**, D Chen, S Han, R Jawish, ET Monson, MJ Staley, BR Keeshin, AR Docherty, AV Bakian, A Okifuji, H Coon

BMC medicine, 2024, Volume 22, Issue 1, Pages 568

<https://link.springer.com/article/10.1186/s12916-024-03794-1>

DOI: 10.1186/s12916-024-03794-1, PMID: 39617899, PMCID: PMC11610288

Impact factor: 7

Diagnostic profiles among suicide decedents with and without borderline personality disorder

EA Kaufman, H Coon, **AA Shabalin**, ET Monson, D Chen, MJ Staley, BR Keeshin, AR Docherty, AV Bakian, Em DiBlasi

Psychological Medicine, 2024;54(15):4150-4159

<https://www.cambridge.org/core/journals/psychological-medicine/article/a/CF7610BF12523E9AE3082E3A299A087C>

DOI: 10.1017/S0033291724002034, PMID: 39552384, PMCID: PMC11650179

Impact factor: 7

Cytokine gene polymorphisms and suicide risk in an Indian ancestral population: A case-control study

R Kaushik, B Nayak, BN Patra, AR Docherty, **AA Shabalin**, C Behera

The World Journal of Biological Psychiatry, 25(9), 547–559

<https://www.cambridge.org/core/journals/psychological-medicine>

DOI: 10.1080/15622975.2024.2410492, PMID: 39381946, PMCID: PMC11649069

Impact factor: 3

Genome-wide association analyses identify 95 risk loci and provide insights into the neurobiology of post-traumatic stress disorder

CM Nievergelt, ..., **AA Shabalin** (co-author 186 of 239), ..., KC Koenen

Nature Genetics, 2024 May;56(5):792-808

<https://www.nature.com/articles/s41588-024-01707-9>

DOI: 10.1038/s41588-024-01707-9, PMID: 38637617

Impact factor: 31.7

Associations between polygenic risk scores for cardiometabolic phenotypes and adolescent depression and body dissatisfaction

KM Ekberg, G Michelini, KL Schneider, AR Docherty, **AA Shabalin**, G Perlman, R Kotov, DN Klein, MA Waszczuk

Pediatric Research, 2024

<https://www.nature.com/articles/s41390-024-03323-z>

DOI: 10.1038/s41390-024-03323-z, PMID: 38879627

Impact factor: 3.5

GWAS meta-analysis of suicide attempt: identification of 12 genome-wide significant loci and implication of genetic risks for specific health factors

AR Docherty, N Mullins, AE Ashley-Koch, X Qin, JRI Coleman, **AA Shabalin** (author 6 of 256), ..., DM Ruderfer

American Journal of Psychiatry, 2023 Oct 1;180(10):723-738

<https://ajp.psychiatryonline.org/doi/full/10.1176/appi.ajp.21121266>

DOI: 10.1176/appi.ajp.21121266, PMID: 37777856, PMCID: PMC10603363

Impact factor: 19.242

Examining the relationship between genetic risk for depression and youth episodic stress exposure

TJ Harrison, AR Docherty, MC Finsaas, R Kotov, **AA Shabalin**, MA Waszczuk, BA Katz, J Davila, DN Klein

Journal of Affective Disorders, Volume 340, 2023, Pages 649-657

<https://www.sciencedirect.com/science/article/abs/pii/S0165032723010674>

DOI: 10.1016/j.jad.2023.08.088, PMID: 37591353

Impact factor: 6.533

Whole-genome sequencing analysis of suicide deaths integrating brain-regulatory eQTLs data to identify risk loci and genes

S Han, E DiBlasi, ET Monson, **AA Shabalin**, E Ferris, D Chen, A Fraser, Z Yu, M Staley, WB Callor, ED Christensen, DK Crockett, QS Li, V Willour, AV Bakian, B Keeshin, AR Docherty, K Eilbeck, H Coon

Molecular psychiatry, 28, pages 3909–3919

<https://www.nature.com/articles/s41380-023-02282-x>

DOI: 10.1038/s41380-023-02282-x

Impact factor: 13.437

Clinical and Genetic Subtyping of Suicide Death by Substance Use

E Diblasi, E Monson, **AA Shabalin**, Q Li, B Keeshin, A Bakian, H Coon, A Docherty

Biological Psychiatry, VOLUME 93, ISSUE 9, S27

<https://www.cambridge.org/core/journals/psychological-medicine/article/abs/dp/ACA7540465E635C900835C1D5B3CE921>

DOI: 10.1016/j.biopsych.2023.02.084, PMID: 37310323

Impact factor: 10.6

Polygenic Risk Scores for Asthma and Allergic Disease Predict COVID-19 Severity in 9/11 Responders

M Waszczuk, O Morozova, E Lhuillier, AR Docherty, **AA Shabalin**, ..., B Luft

PLoS ONE, 18(3): e0282271

<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0282271>

DOI: 10.1371/journal.pone.0282271, PMID: 36893177, PMCID: PMC9997960

Impact factor: 3.7

Identification of novel, replicable genetic risk loci for suicidal thoughts and behaviors among US military veterans

NA Kimbrel, ..., **AA Shabalin** (author 87 of 150), ..., JE Mitchell

JAMA psychiatry, 2023;80(2):135-145

<https://jamanetwork.com/journals/jamapsychiatry/article-abstract/2799487>

DOI: 10.1001/jamapsychiatry.2022.3896, PMID: 36515925, PMCID: PMC9857322
Impact factor: 25.911

Polygenic Association of Glomerular Filtration Rate Decline in World Trade Center Responders (2022)

FM Koraishy, FD Mann, MA Waszczuk, PF Kuan, K Jonas, X Yang, AR Docherty, **AA Shabalin**, S Clouston, R Kotov, B Luft

BMC Nephrology 23, Article number: 347 (2022)

<https://bmcnephrol.biomedcentral.com/articles/10.1186/s12882-022-02967-5>

DOI: 10.1186/s12882-022-02967-5, PMID: 36307804, PMCID: PMC9615399

Impact factor: 3.049

Harnessing changes in open chromatin determined by ATAC-seq to generate insulin-responsive reporter constructs (2022)

CB Merrill, AB Montgomery, M.A. Pabon, **AA Shabalin**, AR Rodan, A Rothenfluh

BMC Genomics, 23, 399 (2022)

<https://link.springer.com/article/10.1186/s12864-022-08637-y>

DOI: 10.1186/s12864-022-08637-y, PMID: 35614386, PMCID: PMC9134605

Impact factor: 3.969

Genome-wide association study meta-analysis of suicide death and suicidal behavior (2022)

QS Li, **AA Shabalin**, E DiBlasi, S Gopal, CM Canuso, FinnGen, International Suicide Genetics Consortium, A Palotie, WC Drevets, AR Docherty, H Coon

Molecular Psychiatry, 2022

<https://www.nature.com/articles/s41380-022-01828-9>

DOI: 10.1038/s41380-022-01828-9, PMID: 36253440

Impact Factor: 13.44

Clinical and genetic evaluation of substance use within suicide death in adolescents and young adults (2022)

ET Monson, E DiBlasi, **AA Shabalin**, Q Li, AR Docherty, AV Bakian, H Coon, B Keeshin

Journal of the American Academy of Child & Adolescent Psychiatry

[https://www.jaacap.org/article/S0890-8567\(22\)01738-5/fulltext](https://www.jaacap.org/article/S0890-8567(22)01738-5/fulltext)

DOI: 10.1016/j.jaac.2022.09.415

Impact Factor: 7.26

Structural variants from whole genome sequencing in 1,051 suicide deaths (2022)

H Coon, E DiBlasi, T Nicholas, E Monson, E Ferris, S Han, **AA Shabalin**, M Staley, E Christensen, WB Callor, A Bakian, B Keeshin, Q Li, V Willour, AR Docherty

European Neuropsychopharmacology, Volume 63, October 2022, Page e150

<https://www.sciencedirect.com/science/article/pii/S0924977X22005259>

DOI: 10.1016/j.euroneuro.2022.07.276

Impact Factor: 4.6

Rare variants in whole genome sequencing implicate genes associated with suicide gwas signals (2022)

E DiBlasi, E Monson, **AA Shabalin**, E Ferris, M Staley, E Christensen, WB Callor, A Bakian, B Keeshin, Q Li, AR Docherty, H Coon

European Neuropsychopharmacology, Volume 63, October 2022, Pages e27-e28

<https://www.sciencedirect.com/science/article/pii/S0924977X22002991>

DOI: 10.1016/j.euroneuro.2022.07.061

Impact Factor: 4.6

Unique and joint associations of polygenic risk for major depression and opioid use disorder with endogenous opioid system function (2022)

T Love, **AA Shabalin**, RL Kember, AR Docherty, H Zhou, V Koppelmans, J Gelernter, AK Baker, E Hartwell, J Dubroff, JK Zubieta, HR Kranzler

Neuropsychopharmacology, 47, 1784–1790 (2022)

<https://www.nature.com/articles/s41386-022-01325-1>

DOI: 10.1038/s41386-022-01325-1, PMID: 35545664 PMCID: PMC9372136

Impact factor: 8.294

Extended familial risk of suicide death is associated with younger age at death and elevated polygenic risk of suicide (2022)

H Coon, **AA Shabalin**, AV Bakian, E DiBlasi, ET Monson, A Kirby, D Chen, A Fraser, Z Yu, M Staley, WB Callor, ED Christensen, SE Crowell, D Gray, DK Crockett, QS Li, B Keeshin, AR Docherty

American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 189, 3-4, pp 60-73

<https://onlinelibrary.wiley.com/doi/10.1002/ajmg.b.32890>

DOI: 10.1002/ajmg.b.32890, PMID: 35212135 PMCID: PMC9149029

Impact factor: 3.568

Genome-wide Association Meta-analysis of Childhood and Adolescent Internalizing Symptoms (2022)

ES Jami, ..., **AA Shabalin** (author 18 of 94), ..., CM Middeldorp

Journal of the American Academy of Child & Adolescent Psychiatry, 61, 7, pp 934-945

<https://www.sciencedirect.com/science/article/pii/S0890856722001794>

DOI: 10.1016/j.jaac.2021.11.035, PMID: 35378236

Impact factor: 7.26

The benefit of diagnostic whole genome sequencing in schizophrenia and other psychotic disorders (2022)

A Alkelai, L Greenbaum, AR Docherty, **AA Shabalin**, ..., DB Goldstein

Molecular Psychiatry, 27, pp 1435–1447

<https://www.nature.com/articles/s41380-021-01383-9>

DOI: 10.1038/s41380-021-01383-9, PMID: 34799694

Impact Factor: 13.44

Suicide and Psychosis: Results From a Population-Based Cohort of Suicide Death (N = 4380) (2022)

AR Docherty, AV Bakian, E DiBlasi, **AA Shabalin**, D Chen, B Keeshin, E Monson, ED Christensen, Q Li, D Gray, H Coon

Schizophrenia Bulletin, Volume 48, Issue 2, March 2022, Pages 457–462
<https://academic.oup.com/schizophreniabulletin/article/48/2/457/6375006>
DOI: 10.1093/schbul/sbab113, PMID: 34559220, PMCID: PMC8886603
Impact Factor: 9.306

Dissecting the shared genetic architecture of suicide attempt, psychiatric disorders, and known risk factors (2022)
N Mullins, JE Kang, AI Campos, JRI Coleman, AC Edwards, H Galfalvy, DF Levey, ALori, **AA Shabalin**, ..., M Leboyer
Biological Psychiatry, Volume 91, Issue 3, Pages 313-327
<https://www.sciencedirect.com/science/article/pii/S0006322321015705>
DOI: 10.1016/j.biopsych.2021.05.029, PMID: 34861974 PMCID: PMC8851871
Impact Factor: 13.38

TwinEQTL: ultrafast and powerful association analysis for eQTL and GWAS in twin studies (2022)
K Xia, **AA Shabalin**, Z Yin, W Chung, PF Sullivan, FA Wright, M Styner, JH Gilmore, RC Santelli, F Zou
Genetics, Volume 221, Issue 4, August 2022
<https://academic.oup.com/genetics/article/221/4/iyac088/6605853>
DOI: 10.1093/genetics/iyac088, PMID: 35689615, PMCID: PMC9339336
Impact Factor: 4.402

Exploring the genetic overlap of suicide-related behaviors and substance use disorders (2021)
SMC Colbert, AS Hatoum, **AA Shabalin**, QS Li, H Coon, EC Nelson, A Agrawal, AR Docherty, EC Johnson
American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, pp 445-455
<https://onlinelibrary.wiley.com/doi/full/10.1002/ajmg.b.32880>
DOI: 10.1002/ajmg.b.32880, PMID: 34821019, PMCID: PMC8692412
Impact factor: 3.387

General v. Specific Vulnerabilities: Polygenic Risk Scores and Higher-Order Psychopathology Dimensions in the Adolescent Brain Cognitive Development (ABCD) Study (2021)
MA Waszczuk, J Miao, AR Docherty, **AA Shabalin**, KG Jonas, G Michelini, R Kotov
Psychological Medicine, pp 1-10
<https://www.cambridge.org/core/journals/psychological-medicine/article/abs/ACA7540465E635C900835C1D5B3CE921>
DOI: 10.1017/S0033291721003639
Impact factor: 5.813

Genetic association study of childhood aggression across raters, instruments, and age (2021)
HF Ip, ..., **AA Shabalin** (author 49 of 149), ..., DI Boomsma
Translational psychiatry, volume 11, page 413, published 30 July 2021
<https://www.nature.com/articles/s41398-021-01480-x>
DOI: 10.1038/s41398-021-01480-x, PMID: 34330890, PMCID: PMC8324785
Impact factor: 5.182

Assessment of suicide attempt and death in bipolar affective disorder: a combined clinical and genetic approach (2021)

ET Monson, **AA Shabalin**, AR Docherty, E DiBlasi, AV Bakian, QS Li, D Gray, B Keeshin, SE Crowell, N Mullins, VL Willour, H Coon

Translational psychiatry, volume 11, issue 1, pages 1-8, published 07 July 2021

<https://www.nature.com/articles/s41398-021-01500-w>

DOI: 10.1038/s41398-021-01500-w, PMID: 34234108, PMCID: PMC8263578

Impact factor: 5.182

Rare protein-coding variants implicate genes involved in risk of suicide death (2021)

E DiBlasi, **AA Shabalin**, ..., AR Docherty, H Coon

American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, Part B, 1–13

<https://onlinelibrary.wiley.com/doi/10.1002/ajmg.b.32861>

DOI: 10.1002/ajmg.b.32861, PMID: 34042246

Impact factor: 3.387

Polygenic prediction of PTSD trajectories in 9/11 responders (2020)

MA Waszczuk, AR Docherty, **AA Shabalin**, J Miao, X Yang, PF Kuan, E Bromet, R Kotov, BJ Luft

Psychological Medicine, Volume 52, Issue 10

DOI: 10.1017/S0033291720003839, PMID: 33092657, PMCID: PMC8186149

Impact factor: 5.813

Genome-wide association study of suicide death and polygenic prediction of clinical antecedents (2020)

AR Docherty, **AA Shabalin**, ..., H Coon

The American Journal of Psychiatry, volume 177, issue 10, pages 917-927

<https://ajp.psychiatryonline.org/doi/10.1176/appi.ajp.2020.19101025>

DOI: 10.1176/appi.ajp.2020.19101025, PMID: 32998551, PMCID: PMC7872505

Impact factor: 13.655

Test-statistic inflation in methylome-wide association studies (2020)

JD Guintivano, **AA Shabalin**, RF Chan, D Rubinow, PF Sullivan, S Meltzer-Brody, KA Aberg, EJCG van den Oord

Epigenetics, 2020/4/26, pages 1-4

<https://www.tandfonline.com/doi/full/10.1080/15592294.2020.1758382>

DOI: 10.1080/15592294.2020.1758382, PMID: 32425094, PMCID: PMC7595582

Impact factor: 4.918

Molecular Genetic Risk for Psychosis Is Associated with Psychosis Risk Symptoms in a Population-Based UK Cohort: Findings from Generation Scotland (2020)

AR Docherty, **AA Shabalin**, DE Adkins, F Mann, RF Krueger, SA Bacanu, A Campbell, C Hayward, DJ Porteous, AM McIntosh, KS Kendler

Schizophrenia Bulletin, sbaa042, 27 March 2020

DOI: 10.1093/schbul/sbaa042, PMID: 32221549, PMCID: PMC7505177

academic.oup.com/schizophreniabulletin/advance-article/doi/10.1093/schbul/sbaa042/5812995

Published: 27 March 2020

Impact factor: 7.575

Cell Type–Specific Methylome-wide Association Studies Implicate Neurotrophin and Innate Immune Signaling in Major Depressive Disorder (2020)

RF Chan, G Turecki, **AA Shabalín**, J Guintivano, M Zhao, LY Xie, G van Grootheest, ZA Kaminsky, B Dean, BWJH Penninx, KA Aberg, EJCG van den Oord

Biological Psychiatry Volume 87, Issue 5, 1 March 2020, Pages 431-442

DOI: 10.1016/j.biopsych.2019.10.014, PMID: 31889537

<https://www.sciencedirect.com/science/article/pii/S0006322319318128>

Impact factor: 11.501

Independent Methylome-Wide Association Studies of Schizophrenia Detect Consistent Case–Control Differences (2020)

RF Chan, **AA Shabalín**, C Montano, E Hannon, CM Hultman, MD Fallin, AP Feinberg, J Mill, EJCG van den Oord, KA Aberg

Schizophrenia Bulletin, Volume 46, Issue 2, Pages 319-327, 05 June 2019

DOI: 10.1093/schbul/sbz056, PMID: 31165892, PMCID: PMC7442362

<https://academic.oup.com/schizophreniabulletin/article/46/2/319/5511546>

Impact factor: 7.575

A methylation study of long-term depression risk (2019)

SL Clark, MW Hattab, RF Chan, **AA Shabalín**, LKM Han, M Zhao, JH Smit, R Jansen, Y Milaneschi, LY Xie, G van Grootheest, BWJH Penninx, KA Aberg, EJCG van den Oord

Molecular psychiatry, 1-10, 09 September 2019

DOI: 10.1038/s41380-019-0516-z, PMID: 31501512, PMCID: PMC7061076

<https://www.nature.com/articles/s41380-019-0516-z>

Impact factor: 11.973

Polygenic risk scoring and prediction of mental health outcomes (2019)

JS Anderson, J Shade, E DiBlasi, **AA Shabalín**, AR Docherty

Current Opinion in Psychology, Volume 27, June 2019, Pages 77-81

DOI: 10.1016/j.copsyc.2018.09.002, PMID: 30339992, PMCID: PMC6426686

<https://www.sciencedirect.com/science/article/pii/S2352250X18301015>

Impact factor: 3.430

Sequence motif and protein domain enrichment analysis of psychiatric GWAS findings (2019)

J McClay, **AA Shabalín**

European Neuropsychopharmacology, Volume 29, Supplement 3, 2019, Page S943

DOI: 10.1016/j.euroneuro.2017.08.289

<https://www.sciencedirect.com/science/article/pii/S0924977X17307538>

Impact factor: 4.468

Methylome-wide association studies for major depressive disorder in blood overlap with methylation results from brain and large-scale GWAS (2019)

K Aberg, B Dean, **AA Shabalín**, M Zhao, R Chan, M Hattab, G van Grootheest, L Han, M Aghajani, Y Milaneschi, R Jansen, L Xie, S Clark, B Penninx, E van den Oord

European Neuropsychopharmacology, Volume 29, Supplement 3, 2019, Pages S807-S808
DOI: 10.1016/j.euroneuro.2017.08.048
<https://www.sciencedirect.com/science/article/pii/S0924977X1730500X>
Impact factor: 4.468

Predicting the future disease status of depressed patients from DNA methylation patterns in blood (2019)
S Clark, M Hattab, **AA Shabalin**, L Han, R Chan, M Zhao, J Smit, R Jansen, Y Milaneschi, L Xie, G van Grootheest, B Penninx, K Aberg, E van den Oord
European Neuropsychopharmacology, Volume 29, Supplement 3, 2019, Pages S793-S794
DOI: 10.1016/j.euroneuro.2017.08.025
<https://www.sciencedirect.com/science/article/pii/S0924977X17304777>
Impact factor: 4.468

A Whole Methylome Study of Ethanol Exposure in Brain and Blood: An Exploration of the Utility of Peripheral Blood as Proxy Tissue for Brain in Alcohol Methylation Studies (2018)
SL Clark, BN Costin, RF Chan, AW Johnson, L Xie, JL Jurmain, G Kumar, **AA Shabalin**, AK Pandey, KA Aberg, MF Miles, E van den Oord
Alcoholism: Clinical and Experimental Research, Volume 42 (12), 2360-2368
DOI: 10.1111/acer.13905, PMID: 30320886, PMCID: PMC6286207
<https://onlinelibrary.wiley.com/doi/full/10.1111/acer.13905>
Impact factor: 2.716

Genome-wide significant regions in 43 Utah high-risk families implicate multiple genes involved in risk for completed suicide (2018)
H Coon, TM Darlington, E DiBlasi, WB Callor, E Ferris, A Fraser, Z Yu, N William, SC Das, SE Crowell, D Chen, JS Anderson, M Klein, L Jerominski, D Cannon, **AA Shabalin**, A Docherty, M Williams, KR Smith, B Keeshin, AV Bakian, E Christensen, QS Li, NJ Camp, D Gray
Molecular psychiatry, 23 October 2018
DOI: 10.1101/195644, PMID: 29788473, PMCID: PMC6188505
<https://www.nature.com/articles/s41380-018-0282-3>
Impact factor: 11.973

Enhancing psychosis-spectrum nosology through an international data sharing initiative (2018)
AR Docherty, ..., **AA Shabalin** (coauthor 31 of 45), ..., AS Cohen
Schizophrenia bulletin, Volume 44, Issue suppl_2, November 2018, Pages S460-S467
DOI: 10.1093/schbul/sby059, PMID: 29788473, PMCID: PMC6188505
https://academic.oup.com/schizophreniabulletin/article/44/suppl_2/S460/4996806
Impact factor: 7.575

Methylome-wide association findings for major depressive disorder overlap in blood and brain and replicate in independent brain samples (2018)
KA Aberg, B Dean, **AA Shabalin**, RF Chan, LKM Han, M Zhao, G van Grootheest, LY Xie, Y Milaneschi, SL Clark, G Turecki, BWJH Penninx, EJCG van den Oord
Molecular psychiatry, 21 September 2018, pages 1-11
DOI: 10.1038/s41380-018-0247-6, PMID: 30242228, PMCID: PMC6428621

<https://www.nature.com/articles/s41380-018-0247-6>

Impact factor: 11.973

Building a schizophrenia genetic network: transcription factor 4 regulates genes involved in neuronal development and schizophrenia risk (2018)

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