**Publications from downloaded data provided by the
Collaborative Study on the Genetics of Alcoholism**

(COGA data as part of SAGE are marked with '***')

Maintained by
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Last change: 2019-08-29

Number of COGA-data publications by year:

1999	2006	2007	2008	2009	2010	2011	2012
1	4	4	7	1	7	11	16
2013	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	Total
23	21	21	10	10	4	1	141

Publications in 2018

1. Mintz CM, Hartz SM, Borodovsky JT, Bierut LJ, Grucza RA (2019). Changes in associations of prescription opioid use disorder and illegal behaviors among adults in the United States from 2002 to 20. *Addiction (Abingdon, England)*. PMID: 31033084.

Publications in 2018

2. Cabana-Dominguez J, Arenas C, Cormand B, Fernandez-Castillo N (2018) MiR-9, miR-153 and miR-124 are down-regulated by acute exposure to cocaine in a dopaminergic cell model and may contribute to cocaine dependence. *Translational Psychiatry* 8(1):173. PMID: 30166527.

3. Donvito G, Muldoon PP, Jackson KJ, Ahmad U, Zaveri NT, McIntosh JM, Chen X, Lichtman AH, Damaj MI (2018). Neuronal nicotinic acetylcholine receptors mediate (9) -THC dependence: Mouse and human studies. Addiction Biology [Epub ahead of print]. PMID: 30378732.

4. Pineda-Cirera L, Cabana-Dominguez J, Roncero C, Cozar M, Grau-Lopez L, Abad AC, Martinez-Luna N, Robles-Martinez M, Sanchez-Mora C, Ramos-Quiroga JA, Casas M, Ribases M, Fernandez-Castillo N,

Cormand B (2018) Evaluation of previous substance dependence genome-wide significant findings in a Spanish sample. *Drug and Alcohol Dependence,* 187:358-362. PMID: 29715653.

5. Sulovari A, Liu Z, Zhu Z, Li D (2018) Genome-wide meta-analysis of copy number variations with alcohol dependence. *The Pharmacogenomics Journal,* 18(3):398-405. PMID: 28696413.

Publications in 2017

1. Jensen KP, Smith AH, Herman AI, Farrer LA, Kranzler HR, Sofuoglu M, Gelernter J (2017). A protocadherin gene cluster regulatory variant is associated with nicotine withdrawal and the urge to smoke. *Mol Psychiatry* 22(2):242-249. PMID: 27067016.

2. Liu D, Zhang H (2018) Residuals and Diagnostics for Ordinal Regression Models: A Surrogate Approach. *Journal of the American Statistical Association,* 113(522):845-854. PMID: 30220754. (PDF file)

3. Martinez-Rivera A, Hao J, Tropea TF, Giordano TP, Kosovsky M, Rice RC, Lee A, Huganir RL, Striessnig J, Addy NA, Han S, Rajadhyaksha AM (2017). Enhancing VTA Cav1.3 L-type Ca(2+) channel activity promotes cocaine and mood-related behaviors via overlapping AMPA receptor mechanisms in the nucleus accumbens. *Mol Psychiatry* 22(12):1735-1745. PMID: 28194001.

4. Melroy-Greif WE, Simonson MA, Corley RP, Lutz SM, Hokanson JE, Ehringer MA (2017) Examination of the Involvement of Cholinergic-Associated Genes in Nicotine Behaviors in European and African Americans. *Nicotine & Tobacco Research : Official Journal of the Society for Research on Nicotine and Tobacco,* 19(4):417-425. PMID: 27613895.

5. Polimanti R, Zhang H, Smith AH, Zhao H, Farrer LA, Kranzler HR, Gelernter J (2017). Genome-wide association study of body mass index in subjects with alcohol dependence. *Addiction Biology,* 22(2):535-549. PMID: 26458734. PMC5102811.

6. Wang J, Talluri R, Shete S (2017). Selection of X-chromosome Inactivation Model. *Cancer informatics,* 16: [Epub]. PMID: 29308008.

7. Wang M, Huang J, Liu Y, Ma L, Potash JB, Han S (2017) COMBAT: A Combined Association Test for Genes Using Summary Statistics. *Genetics,* 207(3):883-891. PMID: 28878002.

8. Yang HC, Chen IC, Tsay YC, Li ZR, Chen CH, Hwu HG, Chen CH (2017) Using an Event-History with Risk-Free Model to Study the Genetics of Alcoholism. *Scientific reports,* 7(1):1975. PMID: 28512340.

9. Yang J, Li MD (2014) Association and interaction analyses of 5-HT3 receptor and serotonin transporter genes with alcohol, cocaine, and nicotine dependence using the SAGE data. *Human genetics,* 133(7):905-18. PMID: 24590108.

10. Zollanvari A, Alterovitz G (2017) SNP by SNP by environment interaction network of alcoholism. *BMC systems biology,* 11(Suppl 3):19. PMID: 28361705.

Publications in 2016

1. Bidwell LC, Palmer RH, Brick L, McGeary JE, Knopik VS (2016) Genome-wide single nucleotide polymorphism heritability of nicotine dependence as a multidimensional phenotype. *Psychological medicine,* 46(10):2059-69. PMID: 27052577.

2. Clarke TK, Smith AH, Gelernter J, Kranzler HR, Farrer LA, Hall LS, Fernandez-Pujals AM, MacIntyre DJ, Smith BH, Hocking LJ, Padmanabhan S, Hayward C, Thomson PA, Porteous DJ, Deary IJ, McIntosh AM (2016)Polygenic risk for alcohol dependence associates with alcohol consumption, cognitive function and social deprivation in a population-based cohort. *Addiction biology,* 21(2):469-80. PMID: 25865819.

3. Li, M; Wei, CS; Wen, YL; Wang, T; Lu, Q (2016) Detecting Gene-Gene Interactions Associated with Multiple Complex Traits with U-Statistics *Current Genomics*, 17 (5):403-415.

4. Melroy-Greif WE, Vadasz C, Kamens HM, McQueen MB, Corley RP, Stallings MC, Hopfer CJ, Krauter KS, Brown SA, Hewitt JK, Ehringer MA (2016) Test for association of common variants in GRM7 with alcohol consumption. *Alcohol (Fayetteville, NY),* 55:43-50. PMID: 27788777.

5. Owusu D, Pan Y, Xie C, Harirforoosh S, Wang KS. Polymorphisms in PDLIM5 gene are associated with alcohol dependence, type 2 diabetes, and hypertension. *J Psychiatr Res*. 2016; 84:27-34.

6. Palmer, RHC; Nugent, NR; Brick, LA; Bidwell, CL; McGeary, JE; Keller, MC; Knopik, VS (2016) Evidence of Shared Genome-Wide Additive Genetic Effects on Interpersonal Trauma Exposure and Generalized Vulnerability to Drug Dependence in a Population of Substance Users *Journal of Traumatic Stress*, 29 (3):197-204

7. Perry BL (2016). Gendering Genetics: Biological Contingencies in the Protective Effects of Social Integration for Men and Women. *American Journal of Sociaology*, 121(6):1655-96. PMID: 27416652

8. ***Sherva R, Wang Q, Kranzler H, Zhao H, Koesterer R, Herman A, Farrer LA, Gelernter J. Genome-wide association study of cannabis dependence severity, novel risk variants, and shared genetic risks. *JAMA Psychiatry*. 2016; 73(5):472-80. PMCID: PMC4974817.

9. Uddin M, Pellecchia G, Thiruvahindrapuram B, D'Abate L, Merico D, Chan A, Zarrei M, Tammimies K, Walker S, Gazzellone MJ, Nalpathamkalam T, Yuen RK, Devriendt K, Mathonnet G, Lemyre E, Nizard S, Shago M, Joseph-George AM, Noor A, Carter MT, Yoon G, Kannu P, Tihy F, Thorland EC, Marshall CR, Buchanan JA, Speevak M, Stavropoulos DJ, Scherer SW. Indexing effects of copy number variation on genes involved in developmental delay. *Sci Rep*. 2016; 6:28663. PMCID: 4929460.

10. Zhao J, Zhang H (2016) Modeling Multiple Responses via Bootstrapping Margins with an Application to Genetic Association Testing. *Statistics and its interface,* 9(1):47-56. PMID: 26543519.

Publications in 2015

1. de Leeuw C, Goudriaan A, Smit AB, Yu D, Mathews CA, Scharf JM, Verheijen MH, Posthuma D (2015). Involvement of astrocyte metabolic coupling in Tourette syndrome pathogenesis. *European Journal of Human Genetics* 23**:**1519-1522. PMID: 25735483. PMC:4613465.

2. ***Derringer J, Corley RP, Haberstick BC, Young SE, Demmitt BA, Howrigan DP, Kirkpatrick RM, Iacono WG, McGue M, Keller MC, Brown S, Tapert S, Hopfer CJ, Stallings MC, Crowley TJ, Rhee SH, Krauter K, Hewitt JK, McQueen MB (2015). Genome-Wide Association Study of Behavioral Disinhibition in a Selected Adolescent Sample. *Behavior Genetics* 45(4):375-381. PMID: 25637581.

3. Gelernter J, Kranzler HR, Sherva R, Almasy L, Herman AI, Koesterer R, Zhao H, Farrer LA (2015) Genome-wide association study of nicotine dependence in American populations: identification of novel risk loci in both African-Americans and European-Americans. *Biological psychiatry,* 77(5):493-503. PMID: 25555482.

4. *** Li D, Zhao H, Kranzler HR, Li MD, Jensen KP, Zayats T, Farrer LA, Gelernter J (2015). Genome-wide association study of copy number variations (CNVs) with opioid dependence. *Neuropsychopharmacology* 40(4):1016-1026. PMID: 25345593. PMCID: PMC4330517.

5. *** Muldoon PP, Chen J, Harenza JL, Abdullah RA, Sim-Selley LJ, Cravatt BF, Miles MF, Chen X, Lichtman AH, Damaj MI (2015). Inhibition of monoacylglycerol lipase reduces nicotine withdrawal. *British Journal of Pharmacology* 172(3):869-882. PMID: 25258021. PMCID: PMC4301695.

6. *** Palmer RH, Brick L, Nugent NR, Bidwell LC, McGeary JE, Knopik VS, Keller MC (2015). Examining the role of common genetic variants on alcohol, tobacco, cannabis and illicit drug dependence: genetics of vulnerability to drug dependence. *Addiction* 110(3):530-537. PMID: 25424661. PMCID: PMC4329043.

7. *** Palmer RH, McGeary JE, Heath AC, Keller MC, Brick LA, Knopik VS (2015). Shared Additive Genetic Influences on DSM-IV Criteria for Alcohol Dependence in Subjects of European Ancestry. *Addiction*. PMID: 26211938.

8. Pan W, Chen YM, Wei P. Testing for polygenic effects in genome-wide association studies. *Genet Epidemiol*. 2015; 39(4):306-16. PMCID: PMC4406854

9. Polimanti R, Yang C, Zhao H, Gelernter J. Dissecting ancestry genomic background in substance dependence genome-wide association studies. *Pharmacogenomics*, 2015; 16(13):1487-1498. PMCID: PMCID:4632979.

10. ***Repunte-Canonigo V, Herman MA, Kawamura T, Kranzler HR, Sherva R, Gelernter J, Farrer LA, Roberto M, Sanna PP (2015). Nf1 regulates alcohol dependence-associated excessive drinking and gamma-aminobutyric acid release in the central amygdala in mice and is associated with alcohol dependence in humans. *Biological Psychiatry* 77:870-879. PMID: 25483400. PMC: 4428692.

11. Sadeh N, Wolf EJ, Logue MW, Lusk J, Hayes JP, McGlinchey RE, Milberg WP, Stone A, Schichman SA, Miller MW (2015). Polygenic Risk for Externalizing Psychopathology and Executive Dysfunction in Trauma-Exposed Veterans. *Clinical Psychological Science* 1-14.

12. ***Suchankova P, Yan J, Schwandt ML, Stangl BL, Caparelli EC, Momenan R, Jerlhag E, Engel JA, Hodgkinson CA, Egli M, Lopez MF, Becker HC, Goldman D, Heilig M, Ramchandani VA, Leggio L (2015). The glucagon-like peptide-1 receptor as a potential treatment target in alcohol use disorder: evidence from human genetic association studies and a mouse model of alcohol dependence. Translational psychiatry 5:e583. PMID: 26080318. PMC4490279.

13. Sun J, Kranzler HR, Bi Jinbo. An effective method to identify heritable components from multivariate phenotypes. *PLoS One*, 2015; 10(12): 0144418. PMCID: 4678282.

14. Talluri R, Shete S (2015) Evaluating methods for modeling epistasis networks with application to head and neck cancer. *Cancer informatics,* 14(Suppl 2):17-23. PMID: 25733798.

15. ***Wang KS, Zuo L, Pan Y, Xie C, Luo X (2015). Genetic variants in the CPNE5 gene are associated with alcohol dependence and obesity in Caucasian populations. Journal of psychiatric research 71:1-7. PMID: 26522866.

16. Xu K, Kranzler HR, Sherva R, Sartor CE, Almasy L, Koesterer R, Zhao H, Farrer LA, Gelernter J (2015) Genomewide Association Study for Maximum Number of Alcoholic Drinks in European Americans and African Americans. *Alcoholism, Clinical and Experimental Research,* 39(7):1137-47. PMID: 26036284.

17. *** Yu D, Mathews CA, Scharf JM, Neale BM, Davis LK, Gamazon ER, Derks EM, Evans P, Edlund CK, Crane J, Fagerness JA, Osiecki L, Gallagher P, Gerber G, Haddad S, Illmann C, McGrath LM, Mayerfeld C, Arepalli S, Barlassina C, Barr CL, Bellodi L, Benarroch F, Berrió GB, Bienvenu OJ, Black DW, Bloch MH, Brentani H, Bruun RD, Budman CL, Camarena B, Campbell DD, Cappi C, Silgado JC, Cavallini MC, Chavira DA, Chouinard S, Cook EH, Cookson MR, Coric V, Cullen B, Cusi D, Delorme R, Denys D, Dion Y, Eapen V, Egberts K, Falkai P, Fernandez T, Fournier E, Garrido H, Geller D, Gilbert DL, Girard SL, Grabe HJ, Grados MA, Greenberg BD, Gross-Tsur V, Grünblatt E, Hardy J, Heiman GA, Hemmings SM, Herrera LD, Hezel DM, Hoekstra PJ, Jankovic J, Kennedy JL, King RA, Konkashbaev AI, Kremeyer B, Kurlan R, Lanzagorta N, Leboyer M, Leckman JF, Lennertz L, Liu C, Lochner C, Lowe TL, Lupoli S, Macciardi F, Maier W, Manunta P, Marconi M, McCracken JT, Mesa Restrepo SC, Moessner R, Moorjani P, Morgan J, Muller H, Murphy DL, Naarden AL, Nurmi E, Ochoa WC, Ophoff RA, Pakstis AJ, Pato MT, Pato CN, Piacentini J, Pittenger C, Pollak Y, Rauch SL, Renner T, Reus VI, Richter MA, Riddle MA, Robertson MM, Romero R, Rosário MC, Rosenberg D, Ruhrmann S, Sabatti C, Salvi E, Sampaio AS, Samuels J, Sandor P, Service SK, Sheppard B, Singer HS, Smit JH, Stein DJ, Strengman E, Tischfield JA, Turiel M, Valencia Duarte AV, Vallada H, Veenstra-VanderWeele J, Walitza S, Wang Y, Weale M, Weiss R, Wendland JR, Westenberg HG, Shugart YY, Hounie AG, Miguel EC, Nicolini H, Wagner M, Ruiz-Linares A, Cath DC, McMahon W, Posthuma D, Oostra BA, Nestadt G, Rouleau GA, Purcell S, Jenike MA, Heutink P, Hanna GL, Conti DV, Arnold PD, Freimer NB, Stewart SE, Knowles JA, Cox NJ, Pauls DL. (2015). Cross-disorder genome-wide analyses suggest a complex genetic relationship between Tourette's syndrome and OCD. *American Journal of Psychiatry* 172(1):82-93. PMCID: PMC4282594.

18. *** Zhao J, Zhang H (2016). Modeling Multiple Responses via Bootstrapping Margins with an Application to Genetic Association Testing. *Statistics and its interface* 9:47-56. PMID: 26543519. PMCID: PMC4629876.

19. *** Zuo L, Zhang CK, Sayward FG, Cheung KH, Wang K, Krystal JH, Zhao H, Luo X (2015). Gene-based and pathway-based genome-wide association study of alcohol dependence. *Shanghai Arch Psychiatry* 27(2):111-118. PMID: 26120261. PMCID: PMC4466852.

20. *** Zuo L, Tan Y, Zhang X, Wang X, Krystal J, Tabakoff B, Zhong C, Luo X (2015). A New Genomewide Association Meta-Analysis of Alcohol Dependence. *Alcoholism, Clinical and Experimental Research* 39(8):1388-1395. PMID: 26173551.

21. Zuo L, Saba L, Lin X, Tan Y, Wang K, Krystal JH, Tabakoff B, Luo X. Significant association between rare *IPO11-HTR1A* variants and attention deficit hyperactivity disorder in Caucasians. *Am J Med Genet B Neuropsychiatr Genet,* 2015; 168(7):544-556.

Publications in 2014

1. *** Cao, J., Liu, X., Han, S., Zhang, C.K., Liu, Z., and Li, D. (2014). Association of the *HTR2A* gene with alcohol and heroin abuse. *Human Genetics* 133(3):357-365. PMID: 24178752.

2. *** Chen, G.B., Liu, N., Klimentidis, Y.C., Zhu, X., Zhi, D., Wang, X., and Lou, X.Y. (2014). A unified GMDR method for detecting gene-gene interactions in family and unrelated samples with application to nicotine dependence. Human Genetics 133(2):139-150. PMCID: PMC3947150.

3. Fenz, Z. (2014). A generalized quasi-likelihood scoring approach for simultaneously testing the genetic association of multiple traits. Journal of the Royal Statistical Society: Series C (Applied Statistics) 63(3):483-498.

4. Gelernter J, Kranzler HR, Sherva R, Almasy L, Koesterer R, Smith AH, Anton R, Preuss UW, Ridinger M, Rujescu D, Wodarz N, Zill P, Zhao H, Farrer LA (2014) Genome-wide association study of alcohol dependence:significant findings in African- and European-Americans including novel risk loci. *Mol Psychiatry,* 19(1):41-9. PMID: 24166409.

5. Gelernter J, Kranzler HR, Sherva R, Koesterer R, Almasy L, Zhao H, Farrer LA (2014) Genome-wide association study of opioid dependence: multiple associations mapped to calcium and potassium pathways. *Biological psychiatry,* 76(1):66-74. PMID: 24143882.

6. Gelernter J, Sherva R, Koesterer R, Almasy L, Zhao H, Kranzler HR, Farrer L (2014) Genome-wide association study of cocaine dependence and related traits: FAM53B identified as a risk gene. *Mol Psychiatry,* 19(6):717-23. PMID: 23958962.

7. Hsieh, T.-J., Chang, S.-H., and Tai, J.J. (2014). A family-based robust multivariate association test using maximum statistic. *Annals of Human Genetics* 78(2):117-128. PMID: 24571230.

8. *** Jiang, Y., Li, N., and Zhang, H. (2014). Identifying Genetic Variants for Addiction via Propensity Score Adjusted Generalized Kendall's Tau. *Journal of the American Statistical Association* 109(507):905-930. PMID: 25382885. PMCID: PMC4219655.

9. *** Li, D., Sulovari, A., Cheng, C., Zhao, H., Kranzler, H.R., and Gelernter, J. (2014). Association of gamma-aminobutyric acid A receptor a2 gene (GABRA2) with alcohol use disorder. *Neuropsychopharmacology* 39(4):907-918. PMID: 24136292. PMCID: PMC3924525.

10. *** Li, M., Gardiner, J.C., Breslau, N., Anthony, J.C., and Lu, Q. (2014). A non-parametric approach for detecting gene-gene interactions associated with age-at-onset. *BMC Genetics* 15:79. PMCID: PMC4087128.

11. Lobach I, Fan R, Manga P (2014) Genotype-based association models of complex diseases to detect gene-gene and gene-environment interactions. *Statistics and Its Interface,* 7(1):51-60. PMID: 26191336.

12. *** McGrath LM, Yu D, Marshall C, Davis LK, Thiruvahindrapuram B, Li B, Cappi C, Gerber G, Wolf A, Schroeder FA, Osiecki L, O'Dushlaine C, Kirby A, Illmann C, Haddad S, Gallagher P, Fagerness JA, Barr CL, Bellodi L, Benarroch F, Bienvenu OJ, Black DW, Bloch MH, Bruun RD, Budman CL, Camarena B, Cath DC, Cavallini MC, Chouinard S, Coric V, Cullen B, Delorme R, Denys D, Derks EM, Dion Y, Rosário MC, Eapen V, Evans P, Falkai P, Fernandez TV, Garrido H, Geller D, Grabe HJ, Grados MA, Greenberg BD, Gross-Tsur V, Grünblatt E, Heiman GA, Hemmings SM, Herrera LD, Hounie AG, Jankovic J, Kennedy JL, King RA, Kurlan R, Lanzagorta N, Leboyer M, Leckman JF, Lennertz L, Lochner C, Lowe TL, Lyon GJ, Macciardi F, Maier W, McCracken JT, McMahon W, Murphy DL, Naarden AL, Neale BM, Nurmi E, Pakstis AJ, Pato MT, Pato CN, Piacentini J, Pittenger C, Pollak Y, Reus VI, Richter MA, Riddle M, Robertson MM, Rosenberg D, Rouleau GA, Ruhrmann S, Sampaio AS, Samuels J, Sandor P, Sheppard B, Singer HS, Smit JH, Stein DJ, Tischfield JA, Vallada H,

Veenstra-VanderWeele J, Walitza S, Wang Y, Wendland JR, Shugart YY, Miguel EC, Nicolini H, Oostra BA, Moessner R, Wagner M, Ruiz-Linares A, Heutink P, Nestadt G, Freimer N, Petryshen T, Posthuma D, Jenike MA, Cox NJ, Hanna GL, Brentani H, Scherer SW, Arnold PD, Stewart SE, Mathews CA, Knowles JA, Cook EH, Pauls DL, Wang K, and Scharf JM. (2014). Copy number variation in obsessive-compulsive disorder and tourette syndrome: a cross-disorder study. *Journal of the American Academy of Child & Adolescent Psychiatry* 53(8):910-9. PMCID: PMC4218748.

13. Muldoon PP, Jackson KJ, Perez E, Harenza JL, Molas S, Rais B, Anwar H, Zaveri NT, Maldonado R, Maskos U, McIntosh JM, Dierssen M, Miles MF, Chen X, De Biasi M, Damaj MI (2014) The alpha3beta4* nicotinic ACh receptor subtype mediates physical dependence to morphine: mouse and human studies. *British journal of pharmacology,* 171(16):3845-57. PMID: 24750073.

14. *** Song, C. and Zhang, H. (2014). TARV: tree-based analysis of rare variants identifying risk modifying variants in CTNNA2 and CNTNAP2 for alcohol addiction. *Genetic Epidemiology* 38(6):552-559. PMID: 25041903. PMCID: PMC4154634.

15. *** Taylor, A. and Wang, K.S. (2014). Association between *DPYSL2* gene polymorphisms and alcohol dependence in Caucasian samples. *Journal of Neural Transmission* 121(1):105-111. PMID: 23846846.

16. *** Wang, J., Yu, R., adn Shete, S. (2014). X-chromosome genetic association test accounting for X-inactivation, skewed X-inactivation, and escape from X-inactivation. *Genetic Epidemiololgy* 38(6):483-93. PMCID: PMC4127090.

17. *** Wang, S.D., van der Vaart, A., Xu, Q., Seneviratne, C., Pomerleau, O.F., Pomerleau, C.S., Payne, T.J., Ma, J.Z., and Li, M.D. (2014). Significant associations of *CHRNA2* and *CHRNA6* with nicotine dependence in European American and African American populations. *Human Genetics* 133(5):575-586. PMID: 24253422. PMCID: PMC3988215.

18. *** Yang, J. and Li, M.D. (2014). Association and interaction analysis of 5-HT3 receptor and serotonin transporter genes with alcohol, cocaine, and nicotine dependence using the SAGE data. *Human Genetics* 133(7):905-918. PMID: 24590108, PMCID: PMC4055533.

19. *** Yuan, H. and Dougherty, J.D. (2014). Investigation of Maternal Genotype Effects in Autism by Genome-Wide Association. *Autism Research* 7(2):245:253 PMID: 24574247. PMCID: PMC3989385.

20. Zuo L, Lu L, Tan Y, Pan X, Cai Y, Wang X, Hong J, Zhong C, Wang F, Zhang XY, Vanderlinden LA, Tabakoff B, Luo X (2014) Genome-wide association discoveries of alcohol dependence. *The American Journal on Addictions,* 23(6):526-39. PMID: 25278008.

21. *** Zuo, L., Wang, K., Wang, G., Pan, X., Zhang, X., Zhang, H., and Luo, X. (2014). Common *PTP4A1-PHF3-EYS* variants are specific for alcohol dependence. *American Journal on Addictions* 23(4):411-414. PMID: 24961364. PMCID: PMC4111256.

Publications in 2013

1. *** Belsky, D.W., Moffitt, T.E., Baker, T.B., Biddle, A.K., Evans, J.P., Harrington, H., Houts, R., Meier, M., Sugden, K., Williams, B., Poulton, R., and Caspi, A. (2013). Polygenic risk and the developmental progression to heavy, persistent smoking and nicotine dependence: evidence from a 4-decade longitudinal study. *JAMA Psychiatry* 70(5):534-542 PMID: 23536134.

2. *** Blaine, S., Claus, E., Harlaar, N., and Hutchison, K. (2013). TACR1 Genotypes Predict fMRI Response to Alcohol Cues and Level of Alcohol Dependence. *Alcoholism: Clinical and Experimental Research* 37(Suppl 1):E125-130. PMID: 23078527*** Cui WY, Wang S, Yang J, Yi SG, Yoon D, Kim YJ, Payne TJ, Ma JZ, Park T, Li MD. (2013). Significant association of CHRNB3 variants with nicotine dependence in multiple ethnic populations. *Molecular Psychiatry* 18: 1149-1151. PMID: 23319001.

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