**Selected Publications**

1. Polimanti R, Wang Q, Meda S, Patel K, Pearlson G, Zhao H, **Farrer LA**, Kranzler HR, Gelernter J. The interplay between risky sexual behavior and alcohol dependence: genome-wide and neuroimaging support for LHPP as a risk gene. Neuropsychopharm **2017**; 42:598-605. PMID: 27531626 <http://www.nature.com/npp/journal/vaop/ncurrent/full/npp2016153a.html>

2. Wang Q, Polimanti R, Kranzler HR, **Farrer LA**, Zhao H, Gelernter J. Genetic factor common to schizophrenia and HIV infection is associated with risky sexual behavior: Antagonistic vs. synergistic pleiotropic SNPs enriched for distinctly different biological functions. Hum Genet **2017**; 136:75-83. PMID:27752767 [http://link.springer.com/article/10.1007%2Fs00439-016- 1737-8](http://link.springer.com/article/10.1007/s00439-016-%201737-8)

3. Wachman EM, Hayes MJ, Sherva R, Brown MS, Shrestha H, Logan BA, Heller NA, Nielsen DA, **Farrer LA**. Association of maternal and infant variants in PNOC and COMT genes with neonatal abstinence syndrome severity. Am J Addict **2017**; 26:42-49. PMID: 27983768 <http://onlinelibrary.wiley.com/doi/10.1111/ajad.12483/abstract>

4. Jensen KP, Smith AH, Herman AI, **Farrer LA**, Kranzler HR, Sofuoglu M, Gelernter J. A protocadherin gene cluster regulatory variant is associated with nicotine withdrawal and the urge to smoke. Mol Psychiatry **2017**; 22:242-249. PMID:27067016 <http://www.nature.com/mp/journal/vaop/ncurrent/pdf/mp201643a.pdf>

5. Smith AH, Jensen KP, Li J, Nunez Y, **Farrer LA**, Hakonarson H, Cook-Sather SD, Kranzler HR, Gelernter J. Genome-wide association study of therapeutic opioid dosing identifies a novel locus upstream of OPRM1. Mol Psychiatry **2017**; 22:346-352. PMID: 28115739 <https://www.ncbi.nlm.nih.gov/pubmed/28115739>

6. Jun G, Chung J, Mez, J, Barber R, Beecham GW, Bennett DA, Buxbaum JD, Byrd GS, Carasquillo M, Crane PK, Cruchaga C, De Jager P, Ertekin-Taner N, Evans D, Fallin MD, Foroud TM, Friedland RP, Goate AM, Graff-Radford NR, Hendrie H, Hall KS, Hamilton-Nelson KL, Inzelberg R, Kamboh MI, Kauwe JSK, Kukull WA, Kunkle BW, Kuwano R, Logue MW, Manly JJ, Larson EB, Martin ER, Montine TJ, Naj A, Reiman EM, Reitz C, Sherva R, St. George-Hyslop PH, Younkin SG, Vardarajan BN, Wang L-S, Wendlund JR, Winslow AR, Alzheimer Disease Genetics Consortium, Haines J, Mayeux R, Pericak-Vance MA, Schellenberg G, Lunetta K, **Farrer LA**. Transethnic Genome-Wide Scan Identifies Novel Alzheimer Disease Loci. Alzheimers Dement **2017**. In press. PMID: 28183528.<http://www.sciencedirect.com/science/article/pii/S1552526017300031>

7. Polimanti R, Meda SW, Pearlson GD, Sherva R, Zhao H, **Farrer LA**, Kranzler HR, Gelernter J. S100A10 identified in a genome-wide gene-by-cannabis dependence interaction analysis of risky sexual behaviors. J Psych Neurosci. 2017; 13;42:160189. PMID: 28418321.<http://jpn.ca/wpcontent/uploads/2017/04/42-4-160189.pdf>
8.Huang K, Marcora E, Pimenova AA, Di Narzo AF, Kapoor M, Jin SC, Harari O, Bertelsen S, Fairfax B, Czajkowski J, Chouraki V, Grenier¬Boley B, Bellenguez C, Deming Y, McKenzie A, Raj T, Renton AE, Budde J, Smith A, Fitzpatrick A, Bis JC, DeStefano A, Adams HHH, Ikram MA, van der Lee S, Del-Aguila JL, Fernandez MV, Ibanez L, The International Genomics of Alzheimer’s Project, The Alzheimer’s Disease Neuroimaging Initiative, Sims R, Escott-Price, Mayeux R, Haines JL, **Farrer LA**, Pericak-Vance MA, Lambert JC, van Duijn C, Launer L, Seshadri S, Williams J, Amouyel P, Schellenberg GD, Zhang B, Borecki I, Kauwe JSK, Cruchaga C, Hao K, Goate. A common haplotype lowers PU.1 expression in myeloid cells and delays age at onset of Alzheimerâ€™s disease. Nature Neurosci **2017**. In press.

9. Jun G, Ibrahim-Verbaas CA, Vronskaya M,.. .112 authors…, van Duijn CM Schellenberg GD, **Farrer LA**. A novel Alzheimer disease locus located near the gene encoding tau protein. Mol Psych **2016**; 21:108-117. PMID: 25778476 [[pubmed]](http://www.ncbi.nlm.nih.gov/pubmed/?term=25778476)

10. Kunkle BW, Jaworski J, Barral S, Vardarajan B, Beecham GW, Martin ER, Cantwell LS, Partch A, Bird TD, Raskind WH, DeStefano A, Carney RM, Cantwell LS, Cuccaro, ML, Vance JM, **Farrer LA**, Goate AM, Foroud T, Mayeux RP, Schellenberg GD ,Haines JL, Pericak-Vance MA. Genome-wide linkage analyses of non-Hispanic White families identifies novel loci for familial late-onset Alzheimerâ€™s disease. Alzheimers Dement **2016**; 12:2-10. PMID: 26365416.<http://www.sciencedirect.com/science/article/pii/S1552526015002241>