

## Complete List of Scientific Publications –Dr. Fan Liu

2006 - present

### Original Articles in Peer-Reviewed Scientific Journals:

1. **Liu, F.**, Elefante, S., van Duijn, C.M., and Aulchenko, Y.S. (2006). Ignoring distant genealogic loops leads to false-positives in homozygosity mapping. *Ann Hum Genet* 70, 965-970.
2. Arias-Vasquez, A., de Lau, L., Pardo, L., **Liu, F.**, Feng, B.J., Bertoli-Avella, A., Isaacs, A., Aulchenko, Y., Hofman, A., Oostra, B., Breteler, M., and van Duijn, C. (2007). Relationship of the Ubiquilin 1 gene with Alzheimer's and Parkinson's disease and cognitive function. *Neurosci Lett* 424, 1-5.
3. Gonzalez-Zuloeta Ladd, A.M., **Liu, F.**, Houben, M.P., Arias Vasquez, A., Siemes, C., Janssens, A.C., Coebergh, J.W., Hofman, A., Janssen, J.A., Stricker, B.H., and van Duijn, C.M. (2007). IGF-1 CA repeat variant and breast cancer risk in postmenopausal women. *Eur J Cancer* 43, 1718-1722.
4. **Liu, F.**, Arias-Vasquez, A., Sleegers, K., Aulchenko, Y.S., Kayser, M., Sanchez-Juan, P., Feng, B.J., Bertoli-Avella, A.M., van Swieten, J., Axenovich, T.I., Heutink, P., van Broeckhoven, C., Oostra, B.A., and van Duijn, C.M. (2007). A genomewide screen for late-onset Alzheimer disease in a genetically isolated Dutch population. *Am J Hum Genet* 81, 17-31.
5. Berends, A.L., Steegers, E.A., Isaacs, A., Aulchenko, Y.S., **Liu, F.**, de Groot, C.J., Oostra, B.A., and van Duijn, C.M. (2008). Familial aggregation of preeclampsia and intrauterine growth restriction in a genetically isolated population in The Netherlands. *Eur J Hum Genet* 16, 1437-1442.
6. Hoppenbrouwers, I.A., **Liu, F.**, Aulchenko, Y.S., Ebers, G.C., Oostra, B.A., van Duijn, C.M., and Hintzen, R.Q. (2008). Maternal transmission of multiple sclerosis in a dutch population. *Arch Neurol* 65, 345-348.
7. Kayser, M., **Liu, F.**, Janssens, A.C., Rivadeneira, F., Lao, O., van Duijn, K., Vermeulen, M., Arp, P., Jhamai, M.M., van Ijcken, W.F., den Dunnen, J.T., Heath, S., Zelenika, D., Despriet, D.D., Klaver, C.C., Vingerling, J.R., de Jong, P.T., Hofman, A., Aulchenko, Y.S., Uitterlinden, A.G., Oostra, B.A., and van Duijn, C.M. (2008). Three genome-wide association studies and a linkage analysis identify HERC2 as a human iris color gene. *Am J Hum Genet* 82, 411-423.
8. **Liu, F.**, Kirichenko, A., Axenovich, T.I., van Duijn, C.M., and Aulchenko, Y.S. (2008). An approach for cutting large and complex pedigrees for linkage analysis. *Eur J Hum Genet* 16, 854-860.
9. **Liu, F.**, Pardo, L.M., Schuur, M., Sanchez-Juan, P., Isaacs, A., Sleegers, K., de Koning, I., Zorkoltseva, I.V., Axenovich, T.I., Witteman, J.C., Janssens, A.C., van Swieten, J.C., Aulchenko, Y.S., Oostra, B.A., and van Duijn, C.M. (2008). The apolipoprotein E gene and its age-specific effects on cognitive function. *Neurobiol Aging*. in press
10. van den Boogaard, M.J., de Costa, D., Krapels, I.P., **Liu, F.**, van Duijn, C., Sinke, R.J., Lindhout, D., and Steegers-Theunissen, R.P. (2008). The MSX1 allele 4 homozygous child exposed to smoking at periconception is most

- sensitive in developing nonsyndromic orofacial clefts. *Hum Genet* 124, 525-534.
11. Ikram, M.A., **Liu, F.**, Oostra, B.A., Hofman, A., van Duijn, C.M., and Breteler, M.M. (2009). The GAB2 gene and the risk of Alzheimer's disease: replication and meta-analysis. *Biol Psychiatry* 65, 995-999.
  12. **Liu, F.**, Ikram, M.A., Janssen, A.C.J.W., Schuur, M., de Koning, I., Isaacs, A., Struchalin, M., Uitterlinden, A.G., den Dunnen, J.T., Sleegers, K., Bettens, K., van Broeckhoven, C., van Swieten, J., Hofman, A., Oostra, B., Aulchenko, Y., Breteler, M., and van Duijn, C. (2009). A study of the SORL1 gene in Alzheimer's disease and cognitive function. *Journal of Alzheimer's Disease* *In press*.
  13. **Liu, F.**, van Duijn, K., Vingerling, J.R., Hofman, A., Uitterlinden, A.G., Janssens, A.C., and Kayser, M. (2009). Eye color and the prediction of complex phenotypes from genotypes. *Curr Biol* 19, R192-193.