

Publications for Jingqin Wu

2019

Chen, J., Wu, J., Zhang, P., Dong, C., Upadhyaya, N., Zhou, Q., Dodds, P., Park, R. (2019). De novo Genome Assembly and Comparative Genomics of the Barley Leaf Rust Pathogen *Puccinia hordei* Identifies Candidates for Three Avirulence Genes. *G3: Genes, Genomes, Genetics*, In Press. [More Information]

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Wu, J., Dong, C., Park, R. (2018). First phased diploid genomes of three closely related *Puccinia triticina* isolates reveal molecular characteristics of somatic hybridization in nature. *2018 Stromlo Molecular Plant Pathology Meeting*, Australia: Australian National University (ANU).

Ruderfer, D., Ripke, S., McQuillin, A., Mullins, N., Charney, A., Blackburn, H., Bakker, S., Blackwood, D., et al, Wu, J. (2018). Genomic Dissection of Bipolar Disorder and Schizophrenia, Including 28 Subphenotypes. *Cell*, 173(7), 1705-1715. [More Information]

Wu, J., Dong, C., Song, L., Park, R. (2018). Somatic exchange and mitotic recombination in the wheat leaf rust pathogen in nature revealed by phased dikaryotic genomes. *Sydney Bioinformatics Research Symposium 2018*, Sydney: Australian Bioinformatics and Computational Biology Society.

2017

Wu, J., Sakthikumar, S., Dong, C., Zhang, P., Cuomo, C., Park, R. (2017). Comparative genomics integrated with association analysis identifies candidate effector genes corresponding to Lr20 in phenotype-paired *Puccinia triticina* isolates from Australia. *Frontiers in Plant Science*, 8, 1-19. [More Information]

Wu, J., Sakthikumar, S., Cuomo, C., Park, R. (2017). Comparative genomics integrated with association analysis identifies candidate effector genes of Lr20 in *Puccinia triticina* isolates from Australia. *29th Fungal Genetics Conference*, United States: Genetics Society of America.

Marshall, C., Howrigan, D., Merico, D., Thiruvahindrapuram, B., Wu, W., Greer, D., Antaki, D., Shetty, A., Holmans, P., Wu, J., et al (2017). Contribution of copy number variants to schizophrenia from a genome-wide study of 41,321 subjects. *Nature Genetics*, 49(1), 27-35. [More Information]

Shao, T., Yin, G., Yin, X., Wu, J., Du, X., Zhu, H., Liu, J., Wang, X., Xu, D., et al (2017). Elevated triglyceride levels are associated with cognitive impairments among patients with major depressive disorder. *Comprehensive Psychiatry*, 75, 103-109. [More Information]

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Wu, J., Chen, D., Tan, Y., Tan, S., Xiu, M., Wang, Z., Yang, F., Soares, J., Zhang, X. (2016). Altered interleukin-18 levels are

associated with cognitive impairment in chronic schizophrenia. *Journal of Psychiatric Research*, 76, 9-15. [More Information]

Wu, J., Green, M., Gardiner, E., Tooney, P., Scott, R., Carr, V., Cairns, M. (2016). Altered neural signaling and immune pathways in peripheral blood mononuclear cells of schizophrenia patients with cognitive impairment: A transcriptome analysis. *Brain, Behavior, and Immunity*, 53, 194-206. [More Information]

Wu, J., Chen, D., Tan, Y., Xiu, M., Yang, F., Soares, J., Zhang, X. (2016). Cognitive impairments in first-episode drug-naive and chronic medicated schizophrenia: MATRICS consensus cognitive battery in a Chinese Han population. *Psychiatry Research*, 238, 196-202. [More Information]

Andreassen, O., Bramon, E., Bruggeman, R., Cairns, M., Cantor, R., Cloninger, C., Cohen, D., Crespo-Facorro, B., Wu, J., et al (2016). Evidence for Genetic Overlap Between Schizophrenia and Age at First Birth in Women. *JAMA Psychiatry*, 73(5), 497-505. [More Information]

Franke, B., Stein, J., Ripke, S., Anttila, V., Hibar, D., Van Hulzen, K., Arias-Vasquez, A., Smoller, J., Wu, J., et al (2016). Genetic influences on schizophrenia and subcortical brain volumes: large-scale proof of concept. *Nature Neuroscience*, 19(3), 420-431. [More Information]

Shi, J., Tan, Y., Wang, Z., An, H., Li, J., Wang, Y., Lv, M., Yan, S., Wu, J., et al (2016). Ginkgo biloba and vitamin E ameliorate haloperidol-induced vacuous chewing movement and brain-derived neurotrophic factor expression in a rat tardive dyskinesia model. *Pharmacology, Biochemistry and Behavior*, 148, 53-58. [More Information]

Sekar, A., Bialas, A., de Rivera, H., Davis, A., Hammond, T., Kamitaki, N., Tooley, K., Presumey, J., Wu, J., et al (2016). Schizophrenia risk from complex variation of complement component 4. *Nature*, 530(7589), 177-183. [More Information]

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Wu, J., Miranda Saksena, M., Soriano, V., Vispo, E., Saksena, N. (2015). Differential regulation of cytotoxicity pathway discriminating between HIV, HCV mono- and co-infection identified by transcriptome profiling of PBMCs. *Virology Journal*, 12(1), 1-16. [More Information]

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mRNA and miRNA analysis of peripheral blood mononuclear cells (PBMC) reveals different miRNAs regulating HIV/HCV co-infection. *Virology*, 450-451, 336-349. [More Information]

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Wu, J., Hassan, K., Skurray, R., Brown, M. (2008). Functional analyses reveal an important role for tyrosine residues in the staphylococcal multidrug efflux protein QacA. *BMC Microbiology*, 8, 1-7. [More Information]

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