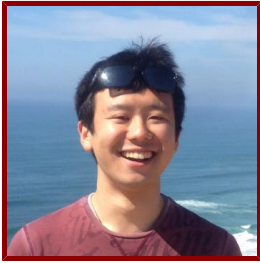


Stanford



Yosuke Tanigawa

Ph.D. Student in Biomedical Informatics, admitted Autumn 2016

Bio

HONORS AND AWARDS

- Funai Overseas Scholarship, Funai Foundation for Information Technology (Sep. 2016 - Aug. 2018)
- Helmsley Interdisciplinary Fellowship, The Helmsley Charitable Trust (July 2016)
- The Faculty of Science Study Award, University of Tokyo (March 2016)
- Global Leadership Award, Friends of UTokyo, Inc. (June 2014)

EDUCATION AND CERTIFICATIONS

- BS, University of Tokyo , Bioinformatics and Systems Biology (2016)

STANFORD ADVISORS

- Manuel Rivas, Doctoral Dissertation Advisor (AC)

SERVICE, VOLUNTEER, AND COMMUNITY WORK

- Officer (Event Planning & Operation)
- Organizer (5/1/2017 - 4/30/2018)
- Seminar Organizer

LINKS

- Personal website: <https://yosuketanigawa.com>
- Google Scholar profile: <https://scholar.google.com/citations?user=9hVh3nQAAAAJ&hl=en>
- ORCID profile: <https://orcid.org/0000-0001-9759-157X>
- LinkedIn profile: <https://www.linkedin.com/in/yosuke-tanigawa>

Research & Scholarship

LAB AFFILIATIONS

- Manuel Rivas (6/19/2017)
- Gill Bejerano (3/24/2017 - - 6/16/2017)
- Olivier Gevaert (1/12/2017 - - 3/21/2017)
- Manuel Rivas (10/3/2016 - - 1/11/2017)

Publications

PUBLICATIONS

- **Sex-specific genetic effects across biomarkers.** *European journal of human genetics : EJHG*
Flynn, E., Tanigawa, Y., Rodriguez, F., Altman, R. B., Sinnott-Armstrong, N., Rivas, M. A.
2020
- **Rare protein-altering variants in ANGPTL7 lower intraocular pressure and protect against glaucoma.** *PLoS genetics*
Tanigawa, Y., Wainberg, M., Karjalainen, J., Kiiskinen, T., Venkataraman, G., Lemmela, S., Turunen, J. A., Graham, R. R., Havulinna, A. S., Perola, M., Palotie, A., FinnGen, Daly, M. J., et al
2020; 16 (5): e1008682
- **A fast and scalable framework for large-scale and ultrahigh-dimensional sparse regression with application to the UK Biobank.** *PLoS genetics*
Qian, J., Tanigawa, Y., Du, W., Aguirre, M., Chang, C., Tibshirani, R., Rivas, M. A., Hastie, T.
2020; 16 (10): e1009141
- **Assessing Digital Phenotyping to Enhance Genetic Studies of Human Diseases.** *American journal of human genetics*
DeBoever, C., Tanigawa, Y., Aguirre, M., McInnes, G., Lavertu, A., Rivas, M. A.
2020
- **Cardiac Imaging of Aortic Valve Area from 34,287 UK Biobank Participants Reveal Novel Genetic Associations and Shared Genetic Comorbidity with Multiple Disease Phenotypes.** *Circulation. Genomic and precision medicine*
Córdova-Palomera, A., Tcheandjieu, C., Fries, J., Varma, P., Chen, V. S., Fiterau, M., Xiao, K., Tejada, H., Keavney, B., Cordell, H. J., Tanigawa, Y., Venkataraman, G., Rivas, et al
2020
- **Fast Lasso method for large-scale and ultrahigh-dimensional Cox model with applications to UK Biobank.** *Biostatistics (Oxford, England)*
Li, R., Chang, C., Justesen, J. M., Tanigawa, Y., Qiang, J., Hastie, T., Rivas, M. A., Tibshirani, R.
2020
- **Global Biobank Engine: enabling genotype-phenotype browsing for biobank summary statistics** *BIOINFORMATICS*
McInnes, G., Tanigawa, Y., DeBoever, C., Lavertu, A., Olivieri, J., Aguirre, M., Rivas, M. A.
2019; 35 (14): 2495–97
- **Significant shared heritability underlies suicide attempt and clinically predicted probability of attempting suicide.** *Molecular psychiatry*
Ruderfer, D. M., Walsh, C. G., Aguirre, M. W., Tanigawa, Y., Ribeiro, J. D., Franklin, J. C., Rivas, M. A.
2019
- **Components of genetic associations across 2,138 phenotypes in the UK Biobank highlight adipocyte biology.** *Nature communications*
Tanigawa, Y., Li, J., Justesen, J. M., Horn, H., Aguirre, M., DeBoever, C., Chang, C., Narasimhan, B., Lage, K., Hastie, T., Park, C. Y., Bejerano, G., Ingelsson, et al
2019; 10 (1): 4064
- **SNPs2ChIP: Latent Factors of ChIP-seq to infer functions of non-coding SNPs.** *Pacific Symposium on Biocomputing. Pacific Symposium on Biocomputing*
Anand, S., Kalesinskas, L., Smail, C., Tanigawa, Y.
2019; 24: 184–95
- **Medical relevance of protein-truncating variants across 337,205 individuals in the UK Biobank study** *NATURE COMMUNICATIONS*
DeBoever, C., Tanigawa, Y., Lindholm, M. E., McInnes, G., Lavertu, A., Ingelsson, E., Chang, C., Ashley, E. A., Bustamante, C. D., Daly, M. J., Rivas, M. A.
2018; 9: 1612