

Daniel Chang

Ph.D. Student in Genetics, admitted Autumn 2024

Publications

PUBLICATIONS

- **Gut Microbiome Wellness Index 2 enhances health status prediction from gut microbiome taxonomic profiles.** *Nature communications*
Chang, D., Gupta, V. K., Hur, B., Cobo-López, S., Cunningham, K. Y., Han, N. S., Lee, I., Kronzer, V. L., Teigen, L. M., Karnatovskaia, L. V., Longbrake, E. E., Davis, J. M., Nelson, et al
2024; 15 (1): 7447
- **Evaluating the prebiotic effect of oligosaccharides on gut microbiome wellness using in vitro fecal fermentation.** *NPJ science of food*
Lee, D. H., Seong, H., Chang, D., Gupta, V. K., Kim, J., Cheon, S., Kim, G., Sung, J., Han, N. S.
2023; 7 (1): 18
- **GMWI-webtool: a user-friendly browser application for assessing health through metagenomic gut microbiome profiling.** *Bioinformatics (Oxford, England)*
Chang, D., Gupta, V. K., Hur, B., Cunningham, K. Y., Sung, J.
2023; 39 (2)
- **TaxiBGC: a Taxonomy-Guided Approach for Profiling Experimentally Characterized Microbial Biosynthetic Gene Clusters and Secondary Metabolite Production Potential in Metagenomes.** *mSystems*
Gupta, V. K., Bakshi, U., Chang, D., Lee, A. R., Davis, J. M., Chandrasekaran, S., Jin, Y. S., Freeman, M. F., Sung, J.
2022; 7 (6): e0092522