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Publications

PUBLICATIONS

- **Longitudinal profiling of the microbiome at four body sites reveals core stability and individualized dynamics during health and disease.** *Cell host & microbe*
Zhou, X., Shen, X., Johnson, J. S., Spakowicz, D. J., Agnello, M., Zhou, W., Avina, M., Honkala, A., Chleilat, F., Chen, S. J., Cha, K., Leopold, S., Zhu, et al
2024
- **Gut microbiota analyses of Saudi populations for type 2 diabetes-related phenotypes reveals significant association.** *BMC microbiology*
Al-Muhanna, F. A., Dowdell, A. K., Al Eleq, A. H., Albaker, W. I., Brooks, A. W., Al-Sultan, A. I., Al-Rubaish, A. M., Alkharsah, K. R., Sulaiman, R. M., Al-Quorain, A. A., Cyrus, C., Alali, R. A., Vatte, et al
2022; 22 (1): 301
- **Individuality and ethnicity eclipse a short-term dietary intervention in shaping microbiomes and viromes.** *PLoS biology*
Li, J., George Markowitz, R. H., Brooks, A. W., Mallott, E. K., Leigh, B. A., Olszewski, T., Zare, H., Bagheri, M., Smith, H. M., Friese, K. A., Habibi, I., Lawrence, W. M., Rost, et al
2022; 20 (8): e3001758
- **Real-time alerting system for COVID-19 and other stress events using wearable data.** *Nature medicine*
Alavi, A., Bogu, G. K., Wang, M., Rangan, E. S., Brooks, A. W., Wang, Q., Higgs, E., Celli, A., Mishra, T., Metwally, A. A., Cha, K., Knowles, P., Alavi, et al
2021
- **New-onset vegetarian diet shows differences in fatty acid metabolites in European American and African American women.** *Nutrition, metabolism, and cardiovascular diseases : NMCD*
Wang, N. C., Bagheri, M., Olszewski, T., Friese, K. A., Smith, H. M., Robles, M. E., Wang, C., Brooks, A., Bordenstein, S. R., Ferguson, J. F., Silver, H. J.
2021
- **Early Detection of SARS-CoV-2 and other Infections in Solid Organ Transplant Recipients and Household Members using Wearable Devices.** *Transplant international : official journal of the European Society for Organ Transplantation*
Keating, B. J., Mukhtar, E. H., Elftmann, E. D., Eweje, F. R., Gao, H., Ibrahim, L. I., Kathawate, R. G., Lee, A. C., Li, E. H., Moore, K. A., Nair, N., Chaluvadi, V., Reason, et al
2021
- **Real-time Alerting System for COVID-19 Using Wearable Data.** *medRxiv : the preprint server for health sciences*
Alavi, A., Bogu, G. K., Wang, M., Rangan, E. S., Brooks, A. W., Wang, Q., Higgs, E., Celli, A., Mishra, T., Metwally, A. A., Cha, K., Knowles, P., Alavi, et al
2021
- **Pre-symptomatic detection of COVID-19 from smartwatch data.** *Nature biomedical engineering*
Mishra, T., Wang, M., Metwally, A. A., Bogu, G. K., Brooks, A. W., Bahmani, A., Alavi, A., Celli, A., Higgs, E., Dagan-Rosenfeld, O., Fay, B., Kirkpatrick, S., Kellogg, et al
2020
- **Gut microbiota diversity across ethnicities in the United States** *PLOS BIOLOGY*
Brooks, A. W., Priya, S., Blekhman, R., Bordenstein, S. R.
2018; 16 (12): e2006842

- **Phylosymbiosis: Relationships and Functional Effects of Microbial Communities across Host Evolutionary History** *PLOS BIOLOGY*
Brooks, A. W., Kohl, K. D., Brucker, R. M., van Opstal, E. J., Bordenstein, S. R.
2016; 14 (11): e2000225