



Yiran Liu

Ph.D. Student in Epidemiology and Clinical Research, admitted Autumn 2022

Bio

HONORS AND AWARDS

- Gerald J. Lieberman Fellowship, Stanford University (2023)
- NSF Graduate Research Fellow, National Science Foundation (2019)
- Knight-Hennessy Scholar, Stanford University (2018)

Publications

PUBLICATIONS

- **Blood transcriptional correlates of BCG-induced protection against tuberculosis in rhesus macaques.** *Cell reports. Medicine*
Liu, Y. E., Darrah, P. A., Zeppa, J. J., Kamath, M., Laboune, F., Douek, D. C., Maiello, P., Roederer, M., Flynn, J. L., Seder, R. A., Khatri, P.
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- **COVID-19 Preventive Measures in Northern California Jails: Perceived Deficiencies, Barriers, and Unintended Harms.** *Frontiers in public health*
Liu, Y. E., LeBoa, C., Rodriguez, M., Sherif, B., Trinidad, C., Del Rosario, M., Allen, S., Clifford, C., Redding, J., Chen, W. T., Rosas, L. G., Morales, C., Chyorny, et al
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- **An 8-gene machine learning model improves clinical prediction of severe dengue progression.** *Genome medicine*
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- **Factors associated with COVID-19 vaccine acceptance and hesitancy among residents of Northern California jails.** *Preventive medicine reports*
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- **All-cause and cause-specific mortality during and following incarceration in Brazil: A retrospective cohort study.** *PLoS medicine*
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- **Incarceration and TB: the epidemic beyond prison walls.** *BMJ global health*
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- **Cdc73 protects Notch-induced T-cell leukemia cells from DNA damage and mitochondrial stress.** *Blood*
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- **Enduring injustice: infectious disease outbreaks in carceral settings.** *The Journal of infectious diseases*
Andrews, J. R., Liu, Y. E., Croda, J.
2023
- **Evaluation of chest X-ray with automated interpretation algorithms for mass tuberculosis screening in prisons: a cross-sectional study.** *Lancet regional health. Americas*
Soares, T. R., Oliveira, R. D., Liu, Y. E., Santos, A. d., Santos, P. C., Monte, L. R., Oliveira, L. M., Park, C. M., Hwang, E. J., Andrews, J. R., Croda, J.
2023; 17: 100388
- **The role of prisons in disseminating tuberculosis in Brazil: A genomic epidemiology study.** *Lancet Regional Health. Americas*
Walter, K. S., Dos Santos, P. C., Gonçalves, T. O., da Silva, B. O., da Silva Santos, A., de Cássia Leite, A., da Silva, A. M., Figueira Moreira, F. M., de Oliveira, R. D., Lemos, E. F., Cunha, E., Liu, Y. E., Ko, et al
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- **A 6-mRNA host response classifier in whole blood predicts outcomes in COVID-19 and other acute viral infections.** *Scientific reports*
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- **Multi-cohort analysis of host immune response identifies conserved protective and detrimental modules associated with severity across viruses.** *Immunity*
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- **Covid-19 Vaccine Acceptance in California State Prisons.** *The New England journal of medicine*
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- **Combinatorial ETS1-dependent control of oncogenic NOTCH1 enhancers in T-cell leukemia.** *Blood cancer discovery*
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- **Loss of Extreme Long-Range Enhancers in Human Neural Crest Drives a Craniofacial Disorder.** *Cell stem cell*
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- **Stage-specific roles for Zmiz1 in Notch-dependent steps of early T-cell development.** *Blood*
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- **The PIAS-like Coactivator Zmiz1 Is a Direct and Selective Cofactor of Notch1 in T Cell Development and Leukemia.** *Immunity*
Pinnell, N., Yan, R., Cho, H. J., Keeley, T., Murai, M. J., Liu, Y., Alarcon, A. S., Qin, J., Wang, Q., Kuick, R., Elenitoba-Johnson, K. S., Maillard, I., Samuelson, et al
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