Stanford



Timothy Wu

Resident in Anesthesiology, Perioperative and Pain Medicine

Bio

PROFESSIONAL EDUCATION

- MD, Baylor College of Medicine (2024)
- PhD, Baylor College of Medicine , Genetics and Genomics (2023)
- BSc, University of California, Los Angeles , Molecular, Cell, & Developmental Biology (2013)

Publications

PUBLICATIONS

- **Systems genetic dissection of brain gene expression reveals excitotoxic mechanisms of Alzheimer's disease.** *Molecular psychiatry*
  Zhao, P., El Fadel, O., Le, A., Mangleburg, C. G., Dhindsa, J., Wu, T., Zhao, J., Huang, M., Amoh, B., Marella, A. S., Li, Y., Seyfried, N. T., Levey, et al
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- **Mechanisms driving fasting-induced protection from genotoxic injury in the small intestine.** *American journal of physiology. Gastrointestinal and liver physiology*
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- **Tau polarizes an aging transcriptional signature to excitatory neurons and glia** *ELIFE*
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- **Functional screening of lysosomal storage disorder genes identifies modifiers of alpha-synuclein neurotoxicity.** *PLoS genetics*
  Yu, M., Ye, H., De-Paula, R. B., Mangleburg, C. G., Wu, T., Lee, T. V., Li, Y., Duong, D., Phillips, B., Cruchaga, C., Allen, G. I., Seyfried, N. T., Al-Ramahi, et al
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- **Oxytocin signaling is necessary for synaptic maturation of adult-born neurons.** *Genes & development*
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- **Whole blood transcriptome analysis in bipolar disorder reveals strong lithium effect.** *Psychological medicine*
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- **Integrated analysis of the aging brain transcriptome and proteome in tauopathy** *MOLECULAR NEURODEGENERATION*
  Mangleburg, C., Wu, T., Yalamanchili, H. K., Guo, C., Hsieh, Y., Duong, D. M., Dammer, E. B., De Jager, P. L., Seyfried, N. T., Liu, Z., Shulman, J. M.
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- **Candidate CSPG4 mutations and induced pluripotent stem cell modeling implicate oligodendrocyte progenitor cell dysfunction in familial schizophrenia** *MOLECULAR PSYCHIATRY*
  de Vrij, F. M., Bouwkamp, C. G., Gunhanlar, N., Shpak, G., Lendemeijer, B., Baghdadi, M., Gopalakrishna, S., Ghazvini, M., Li, T. M., Quadri, M., Olgiati, S., Breedveld, G. J., Coesmans, et al
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- **The Alkaline Phosphatase (ALPL) Locus Is Associated with B6 Vitamer Levels in CSF and Plasma.** *Genes*
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- **Transcriptome analysis in whole blood reveals increased microbial diversity in schizophrenia** *TRANSLATIONAL PSYCHIATRY*
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- **Dupuytren's disease susceptibility gene, EPDR1, is involved in myofibroblast contractility** *JOURNAL OF DERMATOLOGICAL SCIENCE*
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