

Stanford



Andrew Yang

Postdoctoral Research Fellow, Neurology and Neurological Sciences

Bio

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Stanford University , BIOE-PHD (2021)
- Master of Science, Stanford University , BIOE-MS (2017)

STANFORD ADVISORS

- Tony Wyss-Coray, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Physiological blood-brain transport is impaired with age by a shift in transcytosis.** *Nature*
Yang, A. C., Stevens, M. Y., Chen, M. B., Lee, D. P., Stahli, D., Gate, D., Contrepolis, K., Chen, W., Iram, T., Zhang, L., Vest, R. T., Chaney, A., Lehallier, et al
2020
- **Brain Endothelial Cells Are Exquisite Sensors of Age-Related Circulatory Cues.** *Cell reports*
Chen, M. B., Yang, A. C., Yousef, H., Lee, D., Chen, W., Schaum, N., Lehallier, B., Quake, S. R., Wyss-Coray, T.
2020; 30 (13): 4418
- **Multiple Click-Selective tRNA Synthetases Expand Mammalian Cell-Specific Proteomics** *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*
Yang, A. C., Du Bois, H., Olsson, N., Gate, D., Lehallier, B., Berdnik, D., Brewer, K. D., Bertozzi, C. R., Elias, J. E., Wyss-Coray, T.
2018; 140 (23): 7046–51
- **Cell type-selective secretome profiling in vivo.** *Nature chemical biology*
Wei, W., Riley, N. M., Yang, A. C., Kim, J. T., Terrell, S. M., Li, V. L., Garcia-Contreras, M., Bertozzi, C. R., Long, J. Z.
2020
- **Clonally expanded CD8 T cells patrol the cerebrospinal fluid in Alzheimer's disease.** *Nature*
Gate, D., Saligrama, N., Leventhal, O., Yang, A. C., Unger, M. S., Middeldorp, J., Chen, K., Lehallier, B., Channappa, D., De Los Santos, M. B., McBride, A., Pluvinage, J., Elahi, et al
2020
- **A single-cell transcriptomic atlas characterizes ageing tissues in the mouse.** *Nature*
2020
- **Ageing hallmarks exhibit organ-specific temporal signatures.** *Nature*
Schaum, N. n., Lehallier, B. n., Hahn, O. n., Pálovics, R. n., Hosseinzadeh, S. n., Lee, S. E., Sit, R. n., Lee, D. P., Losada, P. M., Zardeneta, M. E., Fehlmann, T. n., Webber, J. T., McGeever, et al
2020
- **Broad transcriptional dysregulation of brain and choroid plexus cell types with COVID-19** *BioRxiv*

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2020

- **CD22 blockade restores homeostatic microglial phagocytosis in ageing brains.** *Nature*

Pluvinage, J. V., Haney, M. S., Smith, B. A., Sun, J., Iram, T., Bonanno, L., Li, L., Lee, D. P., Morgens, D. W., Yang, A. C., Shuken, S. R., Gate, D., Scott, et al
2019

- **Aged blood impairs hippocampal neural precursor activity and activates microglia via brain endothelial cell VCAM1.** *Nature medicine*

Yousef, H. n., Czupalla, C. J., Lee, D. n., Chen, M. B., Burke, A. N., Zera, K. A., Zandstra, J. n., Berber, E. n., Lehallier, B. n., Mathur, V. n., Nair, R. V., Bonanno, L. N., Yang, et al
2019

- **Engineering Phage Host-Range and Suppressing Bacterial Resistance through Phage Tail Fiber Mutagenesis.** *Cell*

Yehl, K. n., Lemire, S. n., Yang, A. C., Ando, H. n., Mimeo, M. n., Torres, M. D., de la Fuente-Nunez, C. n., Lu, T. K.
2019; 179 (2): 459–69.e9