

### Publications

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#### PUBLICATIONS

- **Proteo-genomics of soluble TREM2 in cerebrospinal fluid provides novel insights and identifies novel modulators for Alzheimer's disease.** *Molecular neurodegeneration*  
Wang, L., Nykänen, N. P., Western, D., Gorijala, P., Timsina, J., Li, F., Wang, Z., Ali, M., Yang, C., Liu, M., Brock, W., Marquié, M., Boada, et al  
2024; 19 (1): 1
- **Organ aging signatures in the plasma proteome track health and disease.** *Nature*  
Oh, H. S., Rutledge, J., Nachun, D., Pálóvics, R., Abiose, O., Moran-Losada, P., Channappa, D., Urey, D. Y., Kim, K., Sung, Y. J., Wang, L., Timsina, J., Western, et al  
2023; 624 (7990): 164-172
- **Proteomics of brain, CSF, and plasma identifies molecular signatures for distinguishing sporadic and genetic Alzheimer's disease.** *Science translational medicine*  
Sung, Y. J., Yang, C., Norton, J., Johnson, M., Fagan, A., Bateman, R. J., Perrin, R. J., Morris, J. C., Farlow, M. R., Chhatwal, J. P., Schofield, P. R., Chui, H., Wang, et al  
2023; 15 (703): eabq5923
- **Proteogenomic analysis of human cerebrospinal fluid identifies neurologically relevant regulation and informs causal proteins for Alzheimer's disease.** *Research square*  
Cruchaga, C., Western, D., Timsina, J., Wang, L., Wang, C., Yang, C., Ali, M., Beric, A., Gorijala, P., Kohlfeld, P., Budde, J., Levey, A., Morris, et al  
2023
- **Cerebrospinal fluid immune dysregulation during healthy brain aging and cognitive impairment.** *Cell*  
Piehl, N., van Olst, L., Ramakrishnan, A., Teregulova, V., Simonton, B., Zhang, Z., Tapp, E., Channappa, D., Oh, H., Losada, P. M., Rutledge, J., Trelle, A. N., Mormino, et al  
2022
- **Measuring biological age using omics data.** *Nature reviews. Genetics*  
Rutledge, J., Oh, H., Wyss-Coray, T.  
2022
- **CD4+ T cells contribute to neurodegeneration in Lewy body dementia.** *Science (New York, N.Y.)*  
Gate, D., Tapp, E., Leventhal, O., Shahid, M., Nonninger, T. J., Yang, A. C., Strempl, K., Unger, M. S., Fehlmann, T., Oh, H., Channappa, D., Henderson, V. W., Keller, et al  
2021: eabf7266
- **Methods to investigate intrathecal adaptive immunity in neurodegeneration.** *Molecular neurodegeneration*  
Oh, H. n., Leventhal, O. n., Channappa, D. n., Henderson, V. W., Wyss-Coray, T. n., Lehallier, B. n., Gate, D. n.  
2021; 16 (1): 3