

# Stanford

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## Ian Guldner

Postdoctoral Scholar, Neurology and Neurological Sciences

### Bio

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#### STANFORD ADVISORS

- Tony Wyss-Coray, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **Atlas of the aging mouse brain reveals white matter as vulnerable foci.** *Cell*  
Hahn, O., Foltz, A. G., Atkins, M., Kedir, B., Moran-Losada, P., Guldner, I. H., Munson, C., Kern, F., Pálovics, R., Lu, N., Zhang, H., Kaur, A., Hull, et al  
2023
- **A nanotherapeutic approach to selectively eliminate metastatic breast cancer cells by targeting cell surface GRP78.** *Nanoscale*  
Shin, J., Kim, B., Lager, T. W., Mejia, F., Guldner, I., Conner, C., Zhang, S., Panopoulos, A. D., Bilgicer, B.  
2023
- **APOE4/4 is linked to damaging lipid droplets in Alzheimer's microglia.** *bioRxiv : the preprint server for biology*  
Haney, M. S., Pálovics, R., Munson, C. N., Long, C., Johansson, P., Yip, O., Dong, W., Rawat, E., West, E., Schlachetzki, J. C., Tsai, A., Guldner, I. H., Lamichhane, et al  
2023
- **Activated immune cells drive neurodegeneration** *NATURE*  
Guldner, I. H., Wyss-Coray, T.  
2023; 615 (7953): 588-589
- **Activated immune cells drive neurodegeneration in an Alzheimer's model.** *Nature*  
Guldner, I. H., Wyss-Coray, T.  
2023; 615 (7953): 588-589
- **Isolation of mouse brain-infiltrating leukocytes for single cell profiling of epitopes and transcriptomes.** *STAR protocols*  
Guldner, I. H., Golomb, S. M., Wang, Q., Wang, E., Zhang, S.  
2021; 2 (2): 100537