Stanford



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Curriculum Vitae available Online

Bio

ACADEMIC APPOINTMENTS

- Sr Res Scientist-Basic Life, Adult Neurology

Publications

PUBLICATIONS

- **Plasma proteomics reveals divergent sex-specific senescence and bone biology signatures across neurodegenerative diseases.** *bioRxiv : the preprint server for biology*
  Kaipa, S., Zhai, T., Meka, S. R., Moran-Losada, P., He, Z., Channappa, D., Se-Hwee Oh, H., Rutledge, J., Zeineh, M., Agudelo, A., Nair, R., Wilson, E. N., Bandela, et al
  2026

- **Multi-tissue transcriptomic aging atlas reveals predictive aging biomarkers in the killifish.** *Nature aging*
  Costa, E. K., Chen, J., Guldner, I. H., Mboning, L., Schmahl, N., Tsenter, A., Nagvekar, R., Wu, M. R., Moran-Losada, P., Bouchard, L. S., Wang, S., Singh, P. P., Pellegrini, et al
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- **APOE-stratified Proteomic and Metabolomic Analysis Reveals Mitochondrial Dysfunction Inflammation and Lipid Dysregulation in Alzheimer's Disease.** *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*
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- **Ageing promotes microglial accumulation of slow-degrading synaptic proteins.** *Nature*
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  2026

- **Biomarkers.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*
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- **Spatial and single-cell transcriptomics reveal the reorganization of cerebellar microglia with aging.** *Cell reports*
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- **Disruption of the cerebrospinal fluid-plasma protein balance in cognitive impairment and aging.** *Nature medicine*
  Farinas, A., Rutledge, J., Bot, V. A., Western, D., Ying, K., Lawrence, K. A., Oh, H. S., Yoon, S., Ding, D. Y., Tsai, A. P., Moran-Losada, P., Timsina, J., Le Guen, et al
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- **Synaptic proteins that aggregate and degrade slower with aging accumulate in microglia.** *bioRxiv : the preprint server for biology*
  Guldner, I. H., Wagner, V. P., Moran-Losada, P., Shi, S. M., Chen, K., Meese, B. T., Oh, H., Le Guen, Y., Lu, N., Wong, P. S., To, N. S., Garceau, D., Guo, et al
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- **Proteostasis and lysosomal repair deficits in transdifferentiated neurons of Alzheimer's disease.** *Nature cell biology*
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- **Proteostasis and lysosomal repair deficits in transdifferentiated neurons of Alzheimer's disease.** *bioRxiv : the preprint server for biology*
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- **Developing Topics.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*
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- **Transdifferentiation: A Novel Tool for Disease Modeling and Translational Applications in Alzheimer's Disease**
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