

Stanford



Peng Yuan

Postdoctoral Research Fellow, Biology

Bio

PROFESSIONAL EDUCATION

- Bachelor of Science, Wuhan University (2010)
- Doctor of Philosophy, Yale University (2015)

STANFORD ADVISORS

- Mark Schnitzer, Postdoctoral Faculty Sponsor

LINKS

- My google scholar: <https://scholar.google.com/citations?user=ktq2VUMAAAAJ&hl=en>

Research & Scholarship

LAB AFFILIATIONS

- Mark Schnitzer, Schnitzer Lab (8/1/2016)

Publications

PUBLICATIONS

- **TREM2 Haplodeficiency in Mice and Humans Impairs the Microglia Barrier Function Leading to Decreased Amyloid Compaction and Severe Axonal Dystrophy.** *Neuron*
Yuan, P., Condello, C., Keene, C. D., Wang, Y., Bird, T. D., Paul, S. M., Luo, W., Colonna, M., Baddeley, D., Grutzendler, J.
2016; 90 (4): 724–39
- **Attenuation of beta-Amyloid Deposition and Neurotoxicity by Chemogenetic Modulation of Neural Activity** *JOURNAL OF NEUROSCIENCE*
Yuan, P., Grutzendler, J.
2016; 36 (2): 632-641
- **Regional Blood Flow in the Normal and Ischemic Brain Is Controlled by Arteriolar Smooth Muscle Cell Contractility and Not by Capillary Pericytes** *NEURON*
Hill, R. A., tong, I., Yuan, P., Murikinati, S., Gupta, S., Grutzendler, J.
2015; 87 (1): 95-110
- **Microglia constitute a barrier that prevents neurotoxic protofibrillar A beta 42 hotspots around plaques** *NATURE COMMUNICATIONS*
Condello, C., Yuan, P., Schain, A., Grutzendler, J.
2015; 6