



Neuronal Axons: MT end states and Regulators



PALUH LAB NEURAL STEM CELL PROJECTS:

- NYSCIRB: NY Spinal Cord Injury Review Board Healing the contusion injury microenvironment with stem cells and nanotechnology. NYSTEM: NY Stem Cell Research Board
- Neural Cell-Cell Interaction Microchip (NCCIM) for TBI Biomarkers
- NIH AREA R15 (revising) Neuronal Microtubule Cytoskeleton Signaling Contributions NSF SBIR Phase I pitch (submitted)
- Microchip-Based Opioid Biosensor

 Particle B gets delivered at rate β. 20 - -• * 1 - L - L - K MT2 available for registed motors Thread, Online 1 1 1





Scen

- Banerjes, P., Palu, J., Hukherjes, A., Kumar, K.G., Ghoth, A., and Naskar, M.K. Modeling the neuron as a nanocommunication system to identify spatiolemporal molecular events in neurodogenerative disease. *Int J Nanomodicies*, 18: 3105-3128 (2016).
 Bush, S.F., Paluh, J.L., Piso, G., et al. Recommended Paractels for nanocale and molecular communication namework. Nev YOR, WILEE Standard-Association (2016).
 Bush, S.F., Paluh, J.L., Piso, G., et al. Recommended Association (2016).
 Bush, S.F., Paluh, J.L., Piso, G., and Y., Pasada, R.Y., Kothoda, A. Defining communication at the boltom. Englishing and the standard standards and standards and standards and standards and standards and standards of the standard standard standards of the standard standard standards of the standard standards and sta