

Stanford



Vinita Bharat

Postdoctoral Scholar, Neurosurgery

Bio

PROFESSIONAL EDUCATION

- Master of Science, Georg August Universitat Gottingen (2012)
- Doctor of Philosophy, Georg August Universitat Gottingen (2017)
- Bachelor of Science, University Of Delhi (2011)

Publications

PUBLICATIONS

- **Precision Neurology for Parkinson's Disease: Coupling Miro1-Based Diagnosis with Drug Discovery.** *Movement disorders : official journal of the Movement Disorder Society*
Bharat, V., Wang, X.
2020
- **Surveillance and transportation of mitochondria in neurons.** *Current opinion in neurobiology*
Vanhouwaert, R., Bharat, V., Wang, X.
2019; 57: 87–93
- **Understanding how combinatorial targeting of TLRs and TNFR family costimulatory members promote enhanced T cell responses** *EXPERT OPINION ON BIOLOGICAL THERAPY*
Shinde, P., Bharat, V., Rodriguez-Oquendo, A., Zhou, B., Vella, A. T.
2018; 18 (10): 1073–83
- **Capture of Dense Core Vesicles at Synapses by JNK-Dependent Phosphorylation of Synaptotagmin-4.** *Cell reports*
Bharat, V., Siebrecht, M., Burk, K., Ahmed, S., Reissner, C., Kohansal-Nodehi, M., Steubler, V., Zweckstetter, M., Ting, J. T., Dean, C.
2017; 21 (8): 2118-2133
- **EndophilinAs regulate endosomal sorting of BDNF-TrkB to mediate survival signaling in hippocampal neurons** *SCIENTIFIC REPORTS*
Burk, K., Murdoch, J. D., Freytag, S., Koenig, M., Bharat, V., Markworth, R., Burkhardt, S., Fischer, A., Dean, C.
2017; 7
- **BDNF enhances spontaneous and activity-dependent neurotransmitter release at excitatory terminals but not at inhibitory terminals in hippocampal neurons.** *Frontiers in synaptic neuroscience*
Shinoda, Y., Ahmed, S., Ramachandran, B., Bharat, V., Brockelt, D., Altas, B., Dean, C.
2014; 6: 27-?
- **Axonal and dendritic synaptotagmin isoforms revealed by a pHluorin-syt functional screen** *MOLECULAR BIOLOGY OF THE CELL*
Dean, C., Dunning, F. M., Liu, H., Bomba-Warczak, E., Martens, H., Bharat, V., Ahmed, S., Chapman, E. R.
2012; 23 (9): 1715-1727
- **Global survey-based assessment of lifestyle changes during the COVID-19 pandemic.** *PloS one*

Agarwal, P., Kaushik, A., Sarkar, S., Rao, D., Mukherjee, N., Bharat, V., Das, S., Saha, A. K.
2021; 16 (8): e0255399

- **Miro1 Impairment in a Parkinson's At-Risk Cohort.** *Frontiers in molecular neuroscience*
Nguyen, D., Bharat, V., Conradson, D. M., Nandakishore, P., Wang, X.
2021; 14: 734273