

Li Yuan

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Education and Training

- 2018-present Cold Spring Harbor Laboratory, NY
Postdoc, supervisor: Anthony Zador
- 2017-2018 Department of Developmental Neuroscience, Munroe-Meyer Institute
University of Nebraska Medical Center, NE
Postdoc, supervisor: Jyothi Arikath
- 2012-2017 Department of Pharmacology and Experimental Neuroscience
University of Nebraska Medical Center, NE
Ph.D., supervisor: Jyothi Arikath
- 2011-2012 Department of Pharmacology and Experimental Neuroscience
University of Nebraska Medical Center, NE
M.S. program (transfer to the Ph.D. program)
- 2010-2011 College of Life Science, South China Agricultural University, Guangzhou, China
- 2006-2010 College of Life Science, South China Agricultural University, Guangzhou, China
B.S. Biochemistry and Molecular Biology

Publications

- Yuan, L.**, Singh, D., Buescher, J. L., and Arikath, J. (2018) A role for proteolytic regulation of δ -catenin in remodeling a subpopulation of dendritic spines in the rodent brain. *J. Biol. Chem.* 293, 11625–11638
- Cruz, E., Kumar, S., **Yuan, L.**, Arikath, J., and Batra, S. K. (2018) Intracellular amyloid beta expression leads to dysregulation of the mitogen-activated protein kinase and bone morphogenetic protein-2 signaling axis. *PLoS One.* 13, e0191696
- Yuan, L.**, and Arikath, J. (2017) Functional roles of p120ctn family of proteins in central neurons. *Semin. Cell Dev. Biol.* 69, 70–82
- Cai, Y., Yang, L., Hu, G., Chen, X., Niu, F., **Yuan, L.**, Liu, H., Xiong, H., Arikath, J., and Buch, S. (2016) Regulation of morphine-induced synaptic alterations: Role of oxidative stress, ER stress, and autophagy. *J. Cell Biol.* 215, 245–258
- Yuan, L.**, Seong, E., Buescher, J. L., and Arikath, J. (2015) δ -Catenin Regulates Spine Architecture via Cadherin and PDZ-dependent Interactions. *J. Biol. Chem.* 290, 10947–57
- Yuan, Y., Seong, E., **Yuan, L.**, Singh, D., and Arikath, J. (2015) Differential regulation of apical-basolateral dendrite outgrowth by activity in hippocampal neurons. *Front. Cell. Neurosci.* 9, 314
- Seong, E., **Yuan, L.**, and Arikath, J. (2015) Cadherins and catenins in dendrite and synapse morphogenesis. *Cell Adh. Migr.* 9, 202–213