

## Minyin Li

Basic Life Research Scientist, Psychiatry and Behavioral Sciences - Sleep Medicine

### Publications

---

#### PUBLICATIONS

- **Maturation and circuit integration of transplanted human cortical organoids.** *Nature*  
Revah, O., Gore, F., Kelley, K. W., Andersen, J., Sakai, N., Chen, X., Li, M. Y., Birey, F., Yang, X., Saw, N. L., Baker, S. W., Amin, N. D., Kulkarni, et al  
2022; 610 (7931): 319-326
- **Engineering brain assembloids to interrogate human neural circuits.** *Nature protocols*  
Miura, Y., Li, M. Y., Revah, O., Yoon, S. J., Narazaki, G., Pasca, S. P.  
2022
- **Dissecting the molecular basis of human interneuron migration in forebrain assembloids from Timothy syndrome.** *Cell stem cell*  
Birey, F., Li, M. Y., Gordon, A., Thete, M. V., Valencia, A. M., Revah, O., Pasca, A. M., Geschwind, D. H., Pasca, S. P.  
2021
- **Retinoid X Receptor  $\alpha$  Regulates DHA-Dependent Spinogenesis and Functional Synapse Formation In Vivo.** *Cell reports*  
Cao, H., Li, M. Y., Li, G., Li, S. J., Wen, B., Lu, Y., Yu, X.  
2020; 31 (7): 107649
- **Neuronal defects in a human cellular model of 22q11.2 deletion syndrome.** *Nature medicine*  
Khan, T. A., Revah, O. n., Gordon, A. n., Yoon, S. J., Krawisz, A. K., Goold, C. n., Sun, Y. n., Kim, C. H., Tian, Y. n., Li, M. Y., Schaepe, J. M., Ikeda, K. n., Amin, et al  
2020
- **Generation of human striatal organoids and cortico-striatal assembloids from human pluripotent stem cells.** *Nature biotechnology*  
Miura, Y. n., Li, M. Y., Birey, F. n., Ikeda, K. n., Revah, O. n., Thete, M. V., Park, J. Y., Puno, A. n., Lee, S. H., Porteus, M. H., Pasca, S. P.  
2020; 38 (12): 1421–30
- **A Critical Role of Presynaptic Cadherin/Catenin/p140Cap Complexes in Stabilizing Spines and Functional Synapses in the Neocortex.** *Neuron*  
Li, M. Y., Miao, W. Y., Wu, Q. Z., He, S. J., Yan, G., Yang, Y., Liu, J. J., Taketo, M. M., Yu, X.  
2017; 94 (6): 1155-1172.e8
- **CRISPR-Cas9-mediated genome editing in one blastomere of two-cell embryos reveals a novel Tet3 function in regulating neocortical development.** *Cell research*  
Wang, L., Li, M. Y., Qu, C., Miao, W. Y., Yin, Q., Liao, J., Cao, H. T., Huang, M., Wang, K., Zuo, E., Peng, G., Zhang, S. X., Chen, et al  
2017; 27 (6): 815-829
- **Postsynaptic spiking homeostatically induces cell-autonomous regulation of inhibitory inputs via retrograde signaling.** *The Journal of neuroscience : the official journal of the Society for Neuroscience*  
Peng, Y. R., Zeng, S. Y., Song, H. L., Li, M. Y., Yamada, M. K., Yu, X.  
2010; 30 (48): 16220-31