



## LINGMIN LIN

302, Unit 5, Building 14, Chengbei Business Park,  
Xihu District, Hangzhou, Zhejiang 310011, China.

Tel: +86 13588229382 E-mail: [lymlin@yeah.net](mailto:lymlin@yeah.net) Homepage: <https://lymcv.netlify.com>

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### Work

Department of Rehabilitation Medicine, First Affiliated Hospital, College of Medicine,  
School of Brain Science and Brain Medicine, Zhejiang University, Zhejiang, China.

**Research Assistant**

Aug. 2020 ~ Apr. 2022

### Education

Department of Neurology, Tianjin Neurological Institute, Tianjin Medical University  
General Hospital, Tianjin Medical University, Tianjin, China.

**Master** of Clinical Medicine

Aug. 2018 ~ Jul. 2020

Tianjin Medical University

**Bachelor** of Clinical Medicine

Aug. 2013 ~ Jul. 2018

### Research Interests

**Objective:** Finding the master switch of neurological diseases (e.g., stroke and spinal cord injury) and facilitating rehabilitation.

**Current research center:** Investigating candidate targets for neurological diseases such as stroke with electric stimulation and booming intellectual bioinformatics.

### Recent Paper

1. Fang A<sup>#</sup>, Wang Y<sup>#</sup>, Guan N<sup>#</sup>, **Lin L**, Guo B, Cai W, et al. Porous microneedle patch with sustained exosome delivery repairs severe spinal cord injury. *BioRxiv*. 2022.
2. Zuo Y<sup>#</sup>, Ye J<sup>#</sup>, Cai W, Guo B, Chen X, **Lin L**, et al. Improving functional recovery after severe spinal cord injury by a noninvasive dual functional approach of neuroprotection and neuromodulation. *BioRxiv*. 2022.
3. **Lin L**<sup>#</sup>, He Z<sup>#</sup>, Zhang T<sup>#</sup>, Zuo Y, Chen X, Abdelrahman Z, et al. A biocompatible two-photon absorbing fluorescent mitochondrial probe for deep in vivo bioimaging. *Journal of Materials Chemistry B*. 2022;10(6):887-98.
4. **Lin L**<sup>#</sup>, Liu K<sup>#</sup>, Feng H<sup>#</sup>, Li J, Chen H, Zhang T, et al. Glucose trajectory prediction by deep learning for personal home care of type 2 diabetes mellitus: modelling and applying. *Mathematical Biosciences Engineering*. 2022;19(10):10096-107.
5. Zheng K<sup>#</sup>, **Lin L**<sup>#</sup>, Jiang W, Chen L, Zhang X, Zhang Q, et al. Single-cell RNA-seq reveals the transcriptional landscape in ischemic stroke. *J Cereb Blood Flow Metab*. 2022;42(1):56-73.
6. Zheng K<sup>#</sup>, **Lin L**<sup>#</sup>, Cui P, Liu T, Chen L, Yang C, et al. Association of Fibroblast Growth Factor 23 With Ischemic Stroke and Its Subtypes: A Mendelian Randomization Study. *Front Genet*. 2020;11:608517.