LINGMIN LIN

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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 ~ Jun. 2020
Tianjin Medical University
Bachelor of Clinical Medicine   Aug. 2013 ~ Jun. 2018

Research Interests

Objectives: To find the master switch of neurological diseases (like stroke, SCI, etc.) and
to facilitate the rehabilitation process
Current research centers: To investigate potential candidate targets for acute ischemic
stroke with booming deep learning techniques

Publications

1. Fang A, Wang Y, Guan N, **Lin L**, Guo B, Cai W, et al. Porous microneedle patch with sustained exosomes delivery repairs severe spinal cord injury. *bioRxiv*. 2022.
2. Zuo Y, Ye J, 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**, He Z, Zhang T, 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**, Liu K, Feng H, 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, **Lin L**, 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, **Lin L**, 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.