

Yi Li, MD, PhD

- Clinical Associate Professor, Adult Neurology
- Masters Student in Biomedical Data Science, admitted Autumn 2024

Bio

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Adult Neurology
- Member, Maternal & Child Health Research Institute (MCHRI)
- Member, Wu Tsai Neurosciences Institute

Publications

PUBLICATIONS

- **How does foetal exposure to valproate produce adverse neurodevelopmental outcomes?** *Brain : a journal of neurology*
Meador, K. J., Li, Y.
2022
- **Epilepsy and Pregnancy.** *Continuum (Minneapolis, Minn.)*
Li, Y., Meador, K. J.
2022; 28 (1): 34-54
- **Precision medicine in epilepsy.** *Progress in molecular biology and translational science*
McGinn, R. J., Von Stein, E. L., Summers Stromberg, J. E., Li, Y.
2022; 190 (1): 147-188
- **Precision medicine in women with epilepsy: The challenge, systematic review, and future direction.** *Epilepsy & behavior : E&B*
Li, Y. n., Zhang, S. n., Snyder, M. P., Meador, K. J.
2021; 118: 107928
- **Pregnancy outcomes of refractory epilepsy patients treated with Brain-responsive neurostimulation.** *Epilepsy research*
Li, Y., Eliashiv, D., LaHue, S. C., Rao, V. R., Martini, M. L., Panov, F., Oster, J. M., Yoshii-Contreras, J., Skidmore, C. T., Kalayjian, L. A., Millett, D., Meador, K. J.
2020; 169: 106532
- **Valproate Teratogenicity: A Paradigm of Network-Based Pharmacogenomics.** *Neurology*
Li, Y.
2026; 106 (3): e214639
- **Development of cerebral lateralization in children exposed to fetal antiseizure medications: A prospective cohort study at age 6 years.** *Epilepsia*
Li, Y., Loring, D. W., Cohen, M. J., Matthews, A. G., Birnbaum, A. K., Pennell, P. B., Meador, K. J.
2026
- **Folate supplement dosage for pregnant people with epilepsy: Survey of international experts recommendation and current practices.** *Epileptic disorders : international epilepsy journal with videotape*
Li, Y., Bromley, R., Meador, K. J., Bjørk, M. H., Pennell, P. B., Voinescu, P. E.
2025

- **Pregnancy Outcomes in Epilepsy Patients Treated with Neuromodulating Devices.** *Current neurology and neuroscience reports*
Lin, L., Li, Y.
2025; 25 (1): 50
- **Cognitive and behavioral effects of perampanel 4 mg daily dose.** *Epilepsy & behavior : E&B*
Meador, K. J., Seliger, J., Le, S., Li, Y., Razavi, B., Falco-Walter, J., King, A., Graham, E., Cunningham, E., Leeman-Markowski, B., Boyd, A., Loring, D. W., Gerard, et al
2025; 164: 110268
- **Predicting Pediatric Genetic Epilepsy Through Electronic Medical Records: A Data-Driven Biomarker Discovery Approach.** *Epilepsy currents*
Li, Y.
2024: 15357597241290322
- **Predicting Pediatric Genetic Epilepsy Through Electronic Medical Records: A Data-Driven Biomarker Discovery Approach** *EPILEPSY CURRENTS*
Li, Y.
2024
- **Mitigating Risk, Optimizing Care: Antiseizure Medications, Pregnancy, and Autism Spectrum Disorder Risk.** *Epilepsy currents*
Li, Y.
2024; 24 (6): 412-414
- **Mitigating Risk, Optimizing Care: Antiseizure Medications, Pregnancy, and Autism Spectrum Disorder Risk** *EPILEPSY CURRENTS*
Li, Y.
2024
- **Pearls & Oy-sters: Exquisite Response of Sleep-Related Hypermotor Epilepsy to a Nicotine Patch.** *Neurology*
Nam, S., Von Stein, E. L., Meador, K. J., Levy, R. J., Gallentine, W., Li, Y.
2024; 103 (7): e209790
- **Editorial: Immune system mechanisms impacting the onset of epilepsy and spontaneous seizures.** *Frontiers in molecular neuroscience*
Espinosa-Garcia, C., Bahramnejad, E., Li, Y.
2024; 17: 1487871
- **Out of Sight, Not Yet Out of Reach: Surgical Outcomes in MRI-Negative and Pathology-Negative Epilepsy Patients** *EPILEPSY CURRENTS*
Li, Y.
2024
- **Out of Sight, Not Yet Out of Reach: Surgical Outcomes in MRI-Negative and Pathology-Negative Epilepsy Patients.** *Epilepsy currents*
Li, Y.
2024; 24 (4): 251-253
- **Utilization of APE2 and RITE2 scores in autoimmune encephalitis patients with seizures.** *Epilepsy & behavior : E&B*
Rafferty, T., Koeppen-Babcock, A., Muppidi, S., Li, Y., Le, S.
2024; 154: 109737
- **Impact of high-density EEG in presurgical evaluation for refractory epilepsy patients.** *Clinical neurology and neurosurgery*
Li, Y., Fogarty, A., Razavi, B., Ardestani, P. M., Falco-Walter, J., Werbaneth, K., Graber, K., Meador, K., Fisher, R. S.
2022; 219: 107336
- **Antibody Prevalence in Epilepsy before Surgery (APES) in drug-resistant focal epilepsy.** *Epilepsia*
Li, Y., Tymchuk, S., Barry, J., Muppidi, S., Le, S.
2021
- **Ultrasound-guided lumbar puncture improves success rate and efficiency in overweight patients.** *Neurology. Clinical practice*
Li, Y., Carandang, R. A., Ade, S., Flahive, J., Daniello, K.
2020; 10 (4): 307-13
- **Potential use of leukocytosis and anion gap elevation in differentiating psychogenic nonepileptic seizures from epileptic seizures.** *Epilepsia open*

- Li, Y., Matzka, L., Flahive, J., Weber, D.
2019; 4 (1): 210–15
- **Left Ventricular Ejection Fraction and Clinically Defined Heart Failure to Predict 90-Day Functional Outcome After Ischemic Stroke.** *Journal of stroke and cerebrovascular diseases : the official journal of National Stroke Association*
Li, Y., Fitzgibbons, T. P., McManus, D. D., Goddeau, R. P., Silver, B., Henninger, N.
2018
 - **Ephrin#b3 modulates hippocampal neurogenesis and the reelin signaling pathway in a pilocarpine#induced model of epilepsy.** *International journal of molecular medicine*
Liu, T. T., Li, Y., Shu, Y., Xiao, B., Feng, L.
2018; 41 (6): 3457-3467
 - **Anion gap can differentiate between psychogenic and epileptic seizures in the emergency setting.** *Epilepsia*
Li, Y., Matzka, L., Maranda, L., Weber, D.
2017; 58 (9): e132-e135
 - **DISC1 Regulates the Proliferation and Migration of Mouse Neural Stem/Progenitor Cells through Pax5, Sox2, Dll1 and Neurog2** *FRONTIERS IN CELLULAR NEUROSCIENCE*
Wu, Q., Tang, W., Luo, Z., Li, Y., Shu, Y., Yue, Z., Xiao, B., Feng, L.
2017; 11: 261
 - **EphA4 may contribute to microvessel remodeling in the hippocampal CA1 and CA3 areas in a mouse model of temporal lobe epilepsy.** *Molecular medicine reports*
Feng, L., Shu, Y., Wu, Q., Liu, T., Long, H., Yang, H., Li, Y., Xiao, B.
2017; 15 (1): 37-46
 - **Epilepsy with temporal encephalocele: Characteristics of electrocorticography and surgical outcome.** *Epilepsia*
Panov, F., Li, Y., Chang, E. F., Knowlton, R., Cornes, S. B.
2016; 57 (2): e33-8
 - **The Ephrin-A5/EphA4 Interaction Modulates Neurogenesis and Angiogenesis by the p-Akt and p-ERK Pathways in a Mouse Model of TLE.** *Molecular neurobiology*
Shu, Y., Xiao, B., Wu, Q., Liu, T., Du, Y., Tang, H., Chen, S., Feng, L., Long, L., Li, Y.
2016; 53 (1): 561-576
 - **Electroencephalography of Seizure-Like Movements During General Anesthesia with Propofol: Seizures or Nonepileptic Events? A & A case reports**
Li, Y., Flood, P., Cornes, S.
2015; 5 (11): 195-198
 - **NDEL1 was decreased in the CA3 region but increased in the hippocampal blood vessel network during the spontaneous seizure period after pilocarpine-induced status epilepticus.** *Neuroscience*
Wu, Q., Li, Y., Shu, Y., Feng, L., Zhou, L., Yue, Z. W., Luo, Z. H., Wu, Z. G., Xiao, B.
2014; 268: 276-83
 - **Altered expression of pannexin proteins in patients with temporal lobe epilepsy.** *Molecular medicine reports*
Jiang, T., Long, H., Ma, Y., Long, L., Li, Y., Li, F., Zhou, P., Yuan, C., Xiao, B.
2013; 8 (6): 1801-6
 - **DISC1-related signaling pathways in adult neurogenesis of the hippocampus.** *Gene*
Wu, Q., Li, Y., Xiao, B.
2013; 518 (2): 223-30
 - **The increased expression of CD21 on AchR specified B cells in patients with myasthenia gravis** *JOURNAL OF NEUROIMMUNOLOGY*
Yin, W., Allman, W., Ouyang, S., Li, Y., Li, J., Christadoss, P., Yang, H.
2013; 256 (1-2): 49–54
 - **Immature Dendritic Cell-Derived Exosomes: a Promise Subcellular Vaccine for Autoimmunity** *INFLAMMATION*
Yin, W., Ouyang, S., Li, Y., Xiao, B., Yang, H.
2013; 36 (1): 232–40

- **MicroRNA expression profile of the hippocampus in a rat model of temporal lobe epilepsy and miR-34a-targeted neuroprotection against hippocampal neurone cell apoptosis post-status epilepticus.** *BMC neuroscience*
Hu, K., Xie, Y. Y., Zhang, C., Ouyang, D. S., Long, H. Y., Sun, D. N., Long, L. L., Feng, L., Li, Y., Xiao, B.
2012; 13: 115
- **Rapamycin suppresses the recurrent excitatory circuits of dentate gyrus in a mouse model of temporal lobe epilepsy.** *Biochemical and biophysical research communications*
Tang, H., Long, H., Zeng, C., Li, Y., Bi, F., Wang, J., Qian, H., Xiao, B.
2012; 420 (1): 199-204
- **[Neuronal synaptic reconstruction in hippocampus in chronic phase of pilocarpine-treated rats].** *Zhonghua yi xue za zhi*
Yi, F., Abuhamed, M. M., Long, L. L., Li, Y., Li, S. Y., Wu, Z. G., Xiao, B.
2011; 91 (19): 1335-9
- **Selective loss and axonal sprouting of GABAergic interneurons in the sclerotic hippocampus induced by LiCl-pilocarpine.** *The International journal of neuroscience*
Long, L., Xiao, B., Feng, L., Yi, F., Li, G., Li, S., Mutasem, M. A., Chen, S., Bi, F., Li, Y.
2011; 121 (2): 69-85
- **Expression profile of microRNAs in rat hippocampus following lithium-pilocarpine-induced status epilepticus.** *Neuroscience letters*
Hu, K., Zhang, C., Long, L., Long, X., Feng, L., Li, Y., Xiao, B.
2011; 488 (3): 252-7
- **Activation of ERK by spontaneous seizures in neural progenitors of the dentate gyrus in a mouse model of epilepsy** *EXPERIMENTAL NEUROLOGY*
Li, Y., Peng, Z., Xiao, B., Houser, C. R.
2010; 224 (1): 133-145