



Shreya Louis MD, MS

- Affiliate, Department Funds
- Resident in Neurology

Bio

CLINICAL FOCUS

- Residency
- genomics
- neurology

Publications

PUBLICATIONS

- **Impacts of Climate Change and Air Pollution on Neurologic Health, Disease, and Practice A Scoping Review** *NEUROLOGY*
Louis, S., Carlson, A. K., Suresh, A., Rim, J., Mays, M., Ontaneda, D., Dhawan, A.
2023; 100 (10): 474-483
- **Genetic and molecular features of seizure-freedom following surgical resections for focal epilepsy: A pilot study** *FRONTIERS IN NEUROLOGY*
Louis, S., Busch, R. M., Lal, D., Hockings, J., Hogue, O., Morita-Sherman, M., Vegh, D., Najm, I., Ghosh, C., Bazeley, P., Eng, C., Jehi, L., Rotroff, et al
2022; 13: 942643
- **Disparities in the nationwide distribution of epilepsy centers** *EPILEPSY & BEHAVIOR*
Louis, S., Rabah, N., Rammo, R., Bingaman, W., Jehi, L.
2021; 125: 108409
- **Incorporation of quantitative MRI in a model to predict temporal lobe epilepsy surgery outcome** *BRAIN COMMUNICATIONS*
Morita-Sherman, M., Li, M., Joseph, B., Yasuda, C., Vegh, D., De Campos, B., Alvim, M. M., Louis, S., Bingaman, W., Najm, I., Jones, S., Wang, X., Bluemcke, et al
2021; 3 (3): fcab164
- **Continuous electroencephalography characteristics and acute symptomatic seizures in COVID-19 patients** *CLINICAL NEUROPHYSIOLOGY*
Louis, S., Dhawan, A., Newey, C., Nair, D., Jehi, L., Hantus, S., Punia, V.
2020; 131 (11): 2651-2656
- **Outcomes of resections that spare vs remove an MRI-normal hippocampus** *EPILEPSIA*
Morita-Sherman, M., Louis, S., Vegh, D., Busch, R. M., Ferguson, L., Bingaman, J., Bulacio, J., Najm, I., Jones, S., Zajick, A., Hogue, O., Kattan, M. W., Blumcke, et al
2020; 61 (11): 2545-2557
- **Hippocampal Sclerosis Detection with NeuroQuant Compared with Neuroradiologists** *AMERICAN JOURNAL OF NEURORADIOLOGY*
Louis, S., Morita-Sherman, M., Jones, S., Vegh, D., Bingaman, W., Blumcke, I., Obuchowski, N., Cendes, F., Jehi, L.
2020; 41 (4): 591-597
- **The efficacy of intraoperative multimodal monitoring in pedicle subtraction osteotomies of the lumbar spine**
Shao, J., Lee, M. Y., Louis, S., Knusel, K., Lee, B. S., Pelle, D. W., Savage, J., Tanenbaum, J. E., Mroz, T. E., Steinmetz, M. P.

AMER ASSOC NEUROLOGICAL SURGEONS.2019: 683-690

- **Discovering human diabetes-risk gene function with genetics and physiological assays** *NATURE COMMUNICATIONS*

Peiris, H., Park, S., Louis, S., Gu, X., Lam, J. Y., Asplund, O., Ippolito, G. C., Bottino, R., Groop, L., Tucker, H., Kim, S. K.
2018; 9: 3855

- **Germline Chd8 haploinsufficiency alters brain development in mouse** *NATURE NEUROSCIENCE*

Gompers, A. L., Su-Feher, L., Ellegood, J., Copping, N. A., Riyadh, M., Stradleigh, T. W., Pride, M. C., Schaffler, M. D., Wade, A., Catta-Preta, R., Zdilar, I., Louis, S., Kaushik, et al
2017; 20 (8): 1062-+