

# Stanford

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## Christine Kyuyoung Lee

Clinical Instructor, Neurosurgery

### CLINICAL OFFICES

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### Bio

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#### BIO

Dr. Lee is a Clinical Instructor in the Department of Neurosurgery. After receiving her A.B. in Biology at Harvard College and M.S.E. in Biomedical Engineering at Johns Hopkins University, Dr. Lee obtained her MD and PhD in Neuroscience at Stanford University. Dr. Lee completed neurosurgery residency at Massachusetts General Hospital in Boston with a clinical focus on skull base pathology and research on tumor-neuron interactions. In her fellowship at Stanford, Dr. Lee will be working with Dr. Juan Fernandez-Miranda to obtain specialized surgical training in advanced endoscopic endonasal and open skull base techniques, with the ultimate goal of providing comprehensive treatment to patients with a range of brain tumors, skull base pathology and pituitary lesions.

#### CLINICAL FOCUS

- Neurosurgery

#### ACADEMIC APPOINTMENTS

- Clinical Instructor, Neurosurgery

#### PROFESSIONAL EDUCATION

- Residency: Massachusetts General Neurological Surgery Residency (2022) MA
- Medical Education: Stanford University School of Medicine (2015) CA

## Publications

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### PUBLICATIONS

- **Poly(ADP-ribose) Glycohydrolase Inhibition Sequesters NAD<sup>+</sup> to Potentiate the Metabolic Lethality of Alkylating Chemotherapy in IDH-Mutant Tumor Cells.** *Cancer discovery*  
Nagashima, H., Lee, C. K., Tateishi, K., Higuchi, F., Subramanian, M., Rafferty, S., Melamed, L., Miller, J. J., Wakimoto, H., Cahill, D. P.  
2020; 10 (11): 1672-1689
- **Nonlinearities between inhibition and T-type calcium channel activity bidirectionally regulate thalamic oscillations.** *eLife*  
Lu, A. C., Lee, C. K., Kleiman-Weiner, M., Truong, B., Wang, M., Huguenard, J., Beenhakker, M. P.  
2020; 9
- **Comparison of porcine and bovine collagen dural substitutes in posterior fossa decompression for Chiari I malformation in adults.** *World neurosurgery*  
Lee, C. K., Mokhtari, T. n., Connolly, I. D., Li, G. n., Shuer, L. M., Chang, S. D., Steinberg, G. K., Gephart, M. H.  
2017
- **Modulation of Short-Term Plasticity in the Corticothalamic Circuit by Group III Metabotropic Glutamate Receptors** *JOURNAL OF NEUROSCIENCE*  
Kyuyoung, C. L., Huguenard, J. R.  
2014; 34 (2): 675-687
- **Martinotti Cells: Community Organizers** *NEURON*  
Lee, C. K., Huguenard, J. R.  
2011; 69 (6): 1042-1045
- **Mutations in POMT1 are found in a minority of patients with Walker-Warburg syndrome** *AMERICAN JOURNAL OF MEDICAL GENETICS PART A*  
Currier, S. C., Lee, C. K., Chang, B. S., Bodell, A. L., Pai, G. S., Job, L., Lagae, L. G., Al-Gazali, L. I., Eyaid, W. M., Enns, G., Dobyns, W. B., Walsh, C. A.  
2005; 133A (1): 53-57