

Dr. Sigmund Hsu Advances Innovation in Neurosurgery and Cancer Neurology

Distinguished UTHealth Neurosciences–Texas Medical Center neurosurgeon combines clinical expertise, research, and patient advocacy to advance treatment for complex neurological conditions



Houston, Texas Sep 16, 2026 ([Issuewire.com](http://www.Issuewire.com)) - Dr. Sigmund Hsu, a distinguished neurosurgeon at UTHealth Neurosciences–Texas Medical Center, is making significant contributions to the treatment of brain tumors and metastases, cancer neurology, and chemotherapy neurotoxicity. Through a career grounded in patient care, education, and research, Dr. Hsu continues to pursue innovative approaches

designed to improve outcomes for patients facing complex neurological challenges.

Dr. Hsu's academic journey began at Brown University, where he earned both his undergraduate and medical degrees. His commitment to excellence continued at the Hospital of St. Raphael at Yale University, where he was honored as Medical Intern of the Year in 1996. He later completed his residency at Weill Cornell Medical Center in New York, gaining invaluable experience under the mentorship of renowned experts and further developing his passion for neurology.

His fellowship in neuro-oncology at The University of Texas MD Anderson Cancer Center became an important milestone in his career. During his time there, Dr. Hsu provided exceptional clinical care while also serving as an Assistant Professor and Neurology Residency Program Director. These roles allowed him to contribute to patient care while helping prepare the next generation of neurologists.

Board-certified by the American Board of Neurological Surgery, Dr. Hsu remains dedicated to advancing the science and standards of neurological surgery. His passion for education continues through his position as an Assistant Professor in the Vivian L. Smith Department of Neurosurgery at McGovern Medical School, where he shares his knowledge and experience with students and residents.

Research is another defining element of Dr. Hsu's career. He has presented his work at national conferences and published in esteemed medical journals, contributing to ongoing discussions surrounding neurological cancer treatment. His recent work includes pioneering treatments for recurrent primary CNS lymphoma and glioblastoma multiforme, as well as innovative intralumbar injections for cancer therapy. His ideas have also resulted in multiple patents, reflecting his continued pursuit of new treatment possibilities.

Beyond his clinical and academic responsibilities, Dr. Hsu remains committed to patient advocacy. Through his involvement with the Brain Tumor Network and his former role as Medical Director of Run for the Rose, he has supported individuals and families affected by brain tumors and cancer. His combination of clinical expertise, scientific inquiry, teaching, and advocacy continues to position him as a compassionate and forward-thinking leader in neurosurgery.

Learn More about Dr. Sigmund Hsu:

Through his findatopdoc profile, <https://www.findatopdoc.com/doctor/3095265-Sigmund-Hsu-Neurologist>, or through UTHealth Neurosciences–Texas Medical Center, <https://med.uth.edu/neurosciences/dr-sigmund-h-hsu-md/>

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