



Weill Cornell Medicine Neurological Surgery



BABACAR CISSE, MD, PHD

Assistant Professor of Neurological Surgery
Weill Cornell Medicine Neurological Surgery
Feil Family Brain and Mind Research Institute
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SURGICAL SPECIALTIES & CLINICAL EXPERTISE

Brain Tumors in Adults
Glioblastoma Multiforme
Astrocytoma
Meningioma
Vascular Brain Tumors
Metastatic Brain Tumors
Acoustic Neuromas/Vestibular Schwannomas

Pituitary Tumors
Acromegaly
Cushing's Disease
Prolactinoma
Craniopharyngioma
Normal Pressure Hydrocephalus
Spine Tumors

Dr. Babacar Cisse is an award-winning, board-certified neurosurgeon who performs a wide range of surgical procedures for brain and spine conditions. He has a special expertise in primary and metastatic brain and spinal tumors. He utilizes multiple modern and advanced techniques for the achievement of the safest outcomes for his patients. These techniques include neuro-navigation, ultrasound, advanced imaging, motor and speech mapping, and endoscopic and minimally invasive techniques.

Dr. Cisse also conducts basic research that seeks to understand how brain tumors develop, grow, and become malignant.

TRAINING

Dr. Cisse received his Bachelor's Degree in Chemistry from Bard College. He then joined the Medical Scientist Training Program (MSTP) at the College of Physicians and Surgeons at Columbia University in New York, where he earned his medical degree and PhD with Distinction. He completed his residency and chief residency in neurological surgery at NewYork-Presbyterian/Weill Cornell Medicine and Memorial Sloan Kettering Cancer Center. He then joined the clinical faculty at the Weill Cornell Medicine Department of Neurological Surgery. He is also on the faculty of the Feil Family Brain and Mind Research Institute.

RESEARCH

Dr. Cisse is the principle investigator of an NIH-funded basic research laboratory that studies the interactions between the immune system and brain tumors. These interactions are critical for the promotion or repression of brain tumors, their growth, and malignant transformation. The research is done using human brain tumor samples and mouse brain tumor models. The goal is to develop a thorough and basic understanding of how brain tumors develop and grow, and eventually identify therapeutic targets against which agents can be developed. His work has been published in respected peer-reviewed journals including *Clinical Cancer Research*, *Cell*, and *Immunity*.

CLINICAL LOCATION

Weill Cornell Medicine Neurological Surgery
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CONTACT

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