



## **BABACAR CISSE, M.D., PH.D.**

Assistant Professor of Neurological Surgery  
Weill Cornell Medicine Brain and Spine Center  
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 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 Ph.D. 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 Brain and Spine Center. 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

NewYork-Presbyterian/Weill Cornell  
1305 York Avenue, 9th floor (at 70th Street)  
New York, NY 10021



# Weill Cornell Medicine

## Brain & Spine Center

**Weill Cornell Medicine**  
**Brain and Spine Center**  
Starr Pavilion, Suite 651  
525 E. 68th St., Box 99  
New York, NY 10065

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