

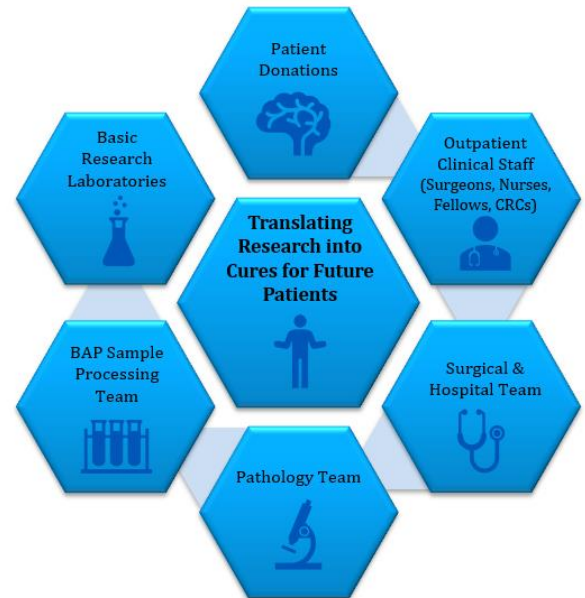
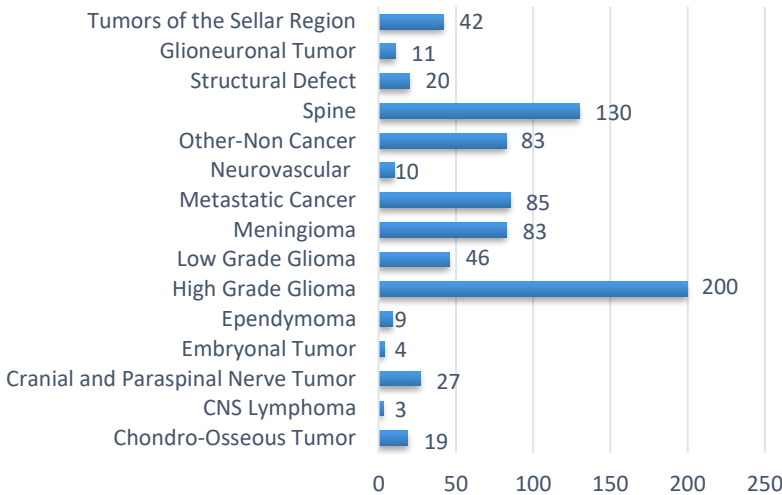
**Recruitment: 721 Patients, Biobank has achieved 72.1% of overall target recruitment !**

**KUDOS!**

Dear Investigators and study team, thank you for your participation in the MCF Neuroscience Biobank!

The purpose of this study is to collect biospecimens (blood, tissue, fat, & CSF) from patients undergoing surgery with MCF's department of Neurosurgery for use in the basic research endeavors of the [Brain Tumor Stem Cell Research Laboratory](#), the [Metastatic Brain Cancer Laboratory](#), the [Neurogenesis and Brain Tumor Laboratory](#) & the [Genetics of Alzheimer's Disease and Endophenotypes Laboratory](#).

### As of July 30, 2021, patients with the following dx's have had samples collected:



### Faculty & Surgeons participating in Biobank sample collections:



**Dr. Alfredo Quinones Hinojosa, M.D.**  
Collection of Blood, Tumor Tissue, Normal Tissue, and CSF from Gliomas, GBMS, Metastatic Cancer, Chiari Malformation, etc.



**Dr. Kaisorn Chaichana, M.D.**  
Collection of Blood, Tumor Tissue, Normal Tissue, and CSF from Gliomas, GBMs, Metastatic Cancer



**Dr. Kingsley Abode-Iyamah, M.D.**  
Collection of Blood and Tumor Tissue from patients with a tumor on the spine  
Collection of Blood and Spinal Disc from patients with Disc Degenerative Disease & Cervical Myelopathy



**Dr. Sanjeet Grewal, M.D.**  
Collection of Blood and Normal Tissue from Epilepsy patients



**Dr. Hugo Guerrero Cazares MD, Ph.D.**



**Dr. Rachel Sarabia-Estrada D.V.M., Ph.D.**



**Dr. Anna Carrano, Ph.D.**



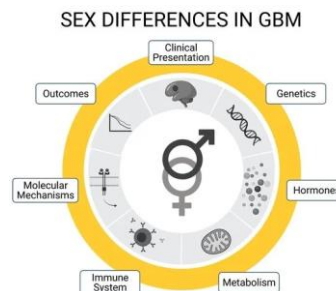
**Dr. Paula Schiapparelli, Ph.D.**



### Process Improvement:

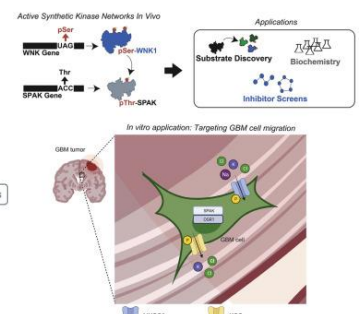
- ✓ Biobank Bootcamp: Creation of SOP Training Guide for Clinical Research Staff (See Attachment)
- ✓ Data Reclassification based on revised 2021 [WHO Classification of Tumors of the Central Nervous System](#)

### Featured Publications:



#### "Sex-Specific Differences in Glioblastoma"

Anna Carrano, Juan Jose Juarez, Diego Incontri, Antonio Ibarra, Hugo Guerrero-Cázares



#### "Phosphorylated WNK kinase networks in recoded bacteria recapitulate physiological function"

Paula Schiapparelli, et al.

**Reminder:** Good communication is key to having Biobank run smoothly!

Thank you to the NS nurses, OR staff, BAP lab and Dr. Q's Medical Fellows for their help in making the Biobank a success!

Please contact Lead Study Coordinator with any questions:  
**Aleeshba Basil 3-3703**

Newsletter Curated By: **Aleeshba Basil**