# Nervous System Tumor Bank Request Form

PROJECT TITLE:			
Principal Investigator Information			
Last Name	First Name		NetID
Phone number		E-mail	
Requester Information (If different from PI information)			
Last Name	First Name		NetID
Chart String for Billing			
Status of Project:			
Funded Clinical Trial			
Funded Non-trial – MBTI investigator		not an MBTI faculty morating with MBTI Fa	
Non-Funded Project – MBTI investigator	-	-	-
Funded Northwestern Faculty Project Non-Funded Project – Non-MBTI investigator	No	Yes; Name:	
Tumor Type (one type per form):			_
Specimen(s) Requested:			
Whole blood			
Volume required (mL):			
PERIPHERAL BLOOD MONONUCLEAR CELLS (each 1mL sample Number of samples:	e contains up to 20 millio	n cells)	
PLASMA	Number of same	ples:	
Minimum amount required (mL):	ivaniber of samp	ριος	
FRESH TISSUE (only available to Northwestern labs) Minimum mass per sample (mg):	Number of samp	oles:	
FROZEN TISSUE			
Minimum mass per sample (mg):	Number of samp	oles:	
CELL LINE Number of samples:			
Note: Plasma collected prior to 2016 was collected from a ficoll collected in EDTA tubes and frozen in 1mL aliquots. All periphe tubes and frozen in 1mL aliquots. All slides will be cut at 4 mic	ral blood mononucl	ear cell samples are colle	
Any additional information you would like to comm	nunicate to the N	ISTB regarding the s	pecimen request?
For example, would you like to be notifi	ied via email when a sa	ample becomes available?	

Please submit this form at https://disburser.cancer.northwestern.edu/ or email nervous.system.tumor.bank@northwestern.edu with any questions.

# **Histology Requested**

If you require additional space to list samples, please use the excel sheet found in the attachments of this document.

SAMPLE INFORMATION

Sample(s) provided by NSTB

Sample(s) provided by Requester

SLIDES Note: All slides will be cut at 4 microns unless otherwise specified.

Sample ID	Unstained Slides	H&E staining	Immunohistochemistry Assay (Please specify antibody name	Immunofluoresence Assay (Please specify primary antibody	RNA In Situ Hybridization
		0	and catalog number)	name and catalog number)	,

## **Data Requested**

#### **REDCap NSTB Project Query**

The NSTB staff can query our database for you to determine the feasibility of your project.

### **NMH Patient Chart Review**

If you are looking for data outside of the current NSTB curation, a patient chart review will be performed by the NSTB staff.

The NSTB has an active REDCap project where you can view deidentified data corresponding to any NSTB sample. For access to this service, please email nervous.system.tumor.bank@northwestern.edu

## Requester IRB/IACUC Information

Please provide your IRB number which cov NSTB. This is for audit purposes only.	vers the approval of obtaining specimens from the
IRB Protocol Number:	IACUC Protocol Number:

Please submit this form at https://disburser.cancer.northwestern.edu/ or email nervous.system.tumor.bank@northwestern.edu with any questions.

Proposal (Please give rationale, significance and a brief background for the proposed studies; no page limit, but a half page or less is recommended. Use an additional page if necessary.)					
What is the goal for the proposal (check all that apply):					
	t (mechanism [e.g. NIH R01]) Talk Meeting Abstract				
If already funded, please supply funding institute and grant number:					
Proposal Approval Date	Official Use Only  Authorizing Signature (NSTB Director)				
	Additionaling dignature (NOTE Director)				

Please submit this form at https://disburser.cancer.northwestern.edu/ or email nervous.system.tumor.bank@northwestern.edu with any questions.

Items	Units	NU User	External Academic	External Commercial
Human Blood & Carobragainal fluid			Academic	Commercial
Human Blood & Cerebrospinal fluid  1a. PBMC – collected from sodium heparin blood tubes using	1mL	\$25.97	\$129.90	\$215.50
a standard Ficoll separation gradient and frozen in a 9:1 ratio of	TITL	Ş23.37	\$129.90	\$215.50
FBS:DMSO. Samples are stored in the vapor phase of liquid				
nitrogen.				
1b. Plasma – platelet poor plasma collected from an EDTA	1mL	\$16.50	\$72.76	\$87.32
collection tube. Samples are stored at -80°C.	11112	710.50	772.70	γ07.3 <u>2</u>
1c. Whole Blood – <i>collected in vacutainer of researcher's</i>	per	\$7.07	N/A	N/A
choosing	tube	77.07	14//	14//
Human Tumor Tissue	tube			
2a. Tumor Tissue – Fresh	TBD	\$19.35	N/A	N/A
2b. Tumor Tissue – Frozen – stored in the vapor phase of	1	\$23.22	\$89.32	\$178.64
liquid nitrogen with no preservatives.	cryovial	Ψ20.22	, , , , , , , , , , , , , , , , , , ,	Ψ1/0.01
2c. Meningioma Cell Line - patient derived cell line	1mL	\$36.06	\$320.34	\$664.00
established within the NSTB. Cells are frozen in a 7:2:1 ratio of		,	,	,
media:FBS:DMSO.				
2d. GBM Cell Line – patient derived cell line established	1mL	\$35.11	\$210.66	\$520.00
within the NSTB. Cells are frozen in a 7:2:1 ratio of		-		
media:FBS:DMSO.				
Slide Staining				
3a. H&E Stain — standard H&E stain and includes review by	1 slide	\$7.68	\$30.74	\$46.11
Dr. Horbinski, a board certified pathologist.				
3b. Antibody titration – titration of antibody for staining	1 slide	\$50.52	\$202.08	\$311.85
optimization.				
3c. Immunohistochemistry Stain – includes consultation	1 slide	\$15.11	\$60.46	\$90.70
with our histology specialist, manual processing, and review by				
Dr. Horbinski, a board certified pathologist.				
3d. Immunofluorescence - includes consultation with our	1 slide	\$31.64	\$137.76	\$551.04
histology specialist, manual processing, and review by Dr.				
Horbinski, a board certified pathologist.		4.0	4.0- 00	4
3e. RNA In Situ Hybridization – consult for specific probes	1 slide	\$46.77	\$187.08	\$1,102.08
required.	4 11 1	40.00	410.00	445.00
3f. Unstained Slide	1 slide	\$3.00	\$10.20	\$15.30
3g. FFPE scrolls – tissue sections collected in Eppendorf	Per 5	\$7.66	\$45.96	\$114.90
tubes, 8-10um thick	scrolls	640.53	607.22	6474.47
3h. Autopsy case sectioning - <i>Unstained slides from</i>	1 slide	\$10.52	\$87.23	\$174.47
autopsy cases	4 -1:-1-	¢c 11	Ć10 04	Ć45.02
3i. Other Miscellaneous Stain – other or additional	1 slide	\$6.11	\$10.84	\$45.02
histology work not covered by the above categories.				1

Services	Units	NU User	External Academic	External Commercial
Data Acquisition				
4a. REDcap NSTB project query – checking availability	½ hour	\$36.19	\$180.99	\$271.49
within the NSTB and curating custom data reports.				
4b. NMH Patient Chart Review – gathering data from	½ hour	\$56.40	\$156.11	\$312.23
hospital records and delivered in a de-identified format.				
4c. Rush request – any work needed within a shorter time	Per	\$58.12	\$87.73	\$105.27
frame than would be normally completed.	request			
4d. Technician time – general time spent on special	¼ hour	\$23.25	\$35.06	\$52.59
requests, specimen pickup, etc.				
4e. Special sectioning - Any special considerations required	¼ hour	\$1.50	\$3.00	\$6.00
for sample sectioning. Charged per quarter hour.				
Specimen Collection				
5a. Honest broker services – specimen tracking for	½ hour	\$19.24	\$96.24	\$192.49
projects where an honest broker is needed to de-identify the				
samples.				
5b. Clinical archive FFPE block request – FFPE blocks	Per	\$16.95	\$84.77	\$101.72
are requested from the NMH clinical archives.	request			
Instrument Training & Use				
6a. Confocal Microscope Training – only available to	1	\$60.00	N/A	N/A
MBTI researchers.	session			

Materials/Supplies	Units	NU User	External Academic	External Commercial
Histology Consumables				
7a. 5-count slide box	1 box	\$0.85	\$1.03	\$2.58
7b. 25-count slide box	1 box	\$3.50	\$12.39	\$23.60
7c. 50-count slide box	1 box	\$5.50	\$19.02	\$36.22
7d. 100-count slide box	1 box	\$6.50	\$19.73	\$32.03
7e. 20-count slide cardboard folder	1 folder	\$5.22	\$9.50	\$13.43