

Nervous System Tumor Bank Request Form

FY 23-24

PROJECT TITLE:

Principal Investigator Information

Last Name	First Name	NetID
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Phone number	E-mail
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Requester Information (If different from PI information)

Last Name	First Name	NetID
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Chart String for Billing _____

Status of Project:

- Funded Clinical Trial
- Funded Non-trial – MBTI investigator
- Non-Funded Project – MBTI investigator
- Funded Northwestern Faculty Project
- Non-Funded Project – Non-MBTI investigator

If you are not an MBTI faculty member, are you collaborating with MBTI Faculty:

No Yes; Name: _____

Tumor Type (one type per form): _____

Specimen(s) Requested:

Whole blood

Volume required (mL): _____

PERIPHERAL BLOOD MONONUCLEAR CELLS (each 1mL sample contains up to 20 million cells)

Number of samples: _____

PLASMA

Minimum amount required (mL): _____

Number of samples: _____

FRESH TISSUE (only available to Northwestern labs)

Minimum mass per sample (mg): _____

Number of samples: _____

FROZEN TISSUE

Minimum mass per sample (mg): _____

Number of samples: _____

CELL LINE

Number of samples: _____

Note: Plasma collected prior to 2016 was collected from a ficoll gradient and frozen in 1mL aliquots. Current plasma samples are collected in EDTA tubes and frozen in 1mL aliquots. All peripheral blood mononuclear cell samples are collected in sodium heparin tubes and frozen in 1mL aliquots. All slides will be cut at 4 microns unless otherwise specified.

Any additional information you would like to communicate to the NSTB regarding the specimen request?

For example, would you like to be notified via email when a sample becomes available?

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.)

Empty box for proposal text.

What is the goal for the proposal (check all that apply):

Paper

Grant (mechanism [e.g. NIH R01] _____)

Talk

Meeting Abstract

If already funded, please supply funding institute and grant number:

Official Use Only

Proposal Approval Date

Authorizing Signature (NSTB Director)

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

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

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

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