Johns Hopkins NF1 biospecimen repository
Sample Request Form

Principal Investigator: Christine Pratilas, MD
(cpratil1@jhmi.edu)
Postdoctoral Research Fellow: Stavriani Makri, MD
(smakri1@jh.edu)

The Johns Hopkins NF1 biospecimen repository offers high-quality surgical tissues and patient-derived xenografts and cell lines that are collected and stored in accordance with NCI Best Practices. Banked samples are reviewed by the study neuro-pathologist for rigorous quality control. Many of our banked specimens undergo comprehensive genomic characterization using RNAseq and whole exome sequencing (WES), and data are available through Synapse/ the NF Data Portal upon request.

Our goal is to increase availability of these tissues to the NF1 research community through scientific resource and data sharing. In order to request samples or data, we ask that researchers submit a brief summary of the proposed research. Your request will be reviewed by a scientific review committee for scientific merit. Following scientific approval, IRB approval for human specimen sharing will be obtained. Our legal team will draft a sharing agreement between Johns Hopkins and your institution. Sharing may proceed once all approvals are in place. Please allow 4-6 weeks for complete processing of requests, but note that this timeline assumes prompt communication with legal and institutional signing representatives.

Investigator and institution information	
Principal Investigator name/ title: **email:**	**Request date:**
Principal Investigator address: **Phone:** **Additional lab personnel contact information:**	**Name and contact information for institutional official who is authorized to enter into agreements on behalf of the institution:**
Shipment address for specimens: **FedEx account number (required):**	**Type of request:** ☐ Preserved human specimens ☐ Cell lines and/ or PDX ☐ Genomic data ☐ Tissue Microarray (TMA)
Cell line and/ or PDX requests (please indicate number requested)	
_____ cell line _____ PDX	_____ plexiform neurofibroma _____ MPNST

Preserved human specimen requests	
Human sample type(s) requested (number): _____ Cutaneous neurofibroma _____ Plexiform neurofibroma _____atypical neurofibroma or ANNUBP _____ MPNST _____ other (please specify)	**Preservation method preferred:** _____ Flash frozen tissue _____ RNALater preserved tissue _____ Viably frozen tissue _____ Single cell suspension _____ Slides (H&E, unstained, specify) _____ DNA or RNA (specify)
Genomic data access requests	
_____ Plexiform neurofibroma _____atypical neurofibroma or ANNUBP _____ MPNST _____ other (please specify)	_____ whole exome sequencing _____RNA sequencing
Project information/ scientific justification for specimen or data request	
Project title:	
Hypothesis and Specific aims:	
Abstract:	
Brief background, rationale and preliminary data:	

Statistical design:
1) Endpoints or primary objectives

2) Sample selection methodology (include justification for annotations requested)

3) Analysis plan

Special handling request:

Clinical data requested (please specify if clinical annotation of samples is requested):

Current funding for proposed project:
☐ YES (Grant agency/ number: _____)
☐ NO
☐ Generating data to support a grant application

IRB approval for use of banked biospecimens:
☐ YES (IRB Approved Protocol: _____)
☐ NO (plan for submission):

Financial conflict of interest (COI) for requesting investigator:

Please return the completed form to: Christine Pratilas (cpratil1@jhmi.edu) & Stavriani Makri (smakri1@jh.edu).