



Johns Hopkins NF1 biospecimen repository Sample Request Form



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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	
<u>Principal Investigator name/ title:</u> <u>email:</u>	<u>Request date:</u>
<u>Principal Investigator address:</u> <u>Phone:</u> <u>Additional lab personnel contact information:</u>	<u>Name and contact information for institutional official who is authorized to enter into agreements on behalf of the institution:</u>
<u>Shipment address for specimens:</u> <u>FedEx account number (required):</u>	<u>Type of request:</u> <input type="checkbox"/> Preserved human specimens <input type="checkbox"/> Cell lines and/ or PDX <input type="checkbox"/> Genomic data
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).