

Program for Precision Medicine in Health Care

PPMH Pilot Application: UNC Clinical Genomic Analysis (GENYSIS) Core Facility Services

PPMH Pilot Awards are intended to fund GENYSIS services for small proof-of-principle clinical genomic research projects with the aim to assist investigators in generating preliminary data to support larger grant applications that include GENYSIS services.

Primary Information

Name of Project:

Principal Investigator:

Contact Name:

Contact Email:

Are you a PPMH Member: Yes No (If no, please register on the [PPMH Website](#))

IRB Number:

Sample Information

Number of proband samples (ideally ≤ 20):

Sample type:

Peripheral blood Buccal Tissue Other (Please specify)

Analysis structure:

Proband Trio Duo Other (Please specify)

Type of sequencing:

Illumina short-read T7 short-read ONT long-read Other (Please specify)

Is DNA sequencing performed by the UNC HTSF? Yes No

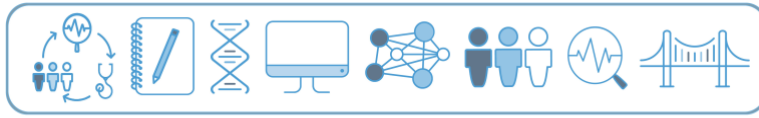
If no, please explain what files are being provided for analysis (e.g. fastq, BAM/CRAM, VCF):

GENYSIS analysis service(s) requested:

- ACMG Secondary Findings
- <200 Gene Panel
- ≥ 200 Gene Panel or Exome or Genome
- Other (Please specify)

How do you intend to return clinically confirmed results?

- GENYSIS post-test services
- Disclosure by appropriate IRB-approved study personnel
- We do not plan to return results (explain in project plan below)



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Study and Investigator Information

What are the aims of the study?

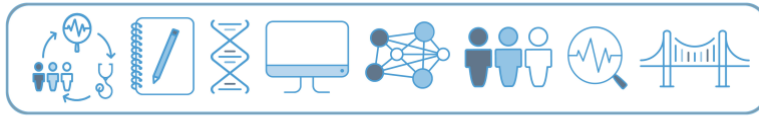
Please select your position at UNC:

- Postdoctoral Researcher
- Instructor
- Assistant Professor
- Associate
- Professor
- Other (please specify)

What is your research specialty? Have you been doing research in genetics and precision medicine for less than 2 years?

What are your plans for future funding?

In less than 500 words, please explain how this project is related to precision medicine and how your research expands beyond your current work.



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Is sequence data already available for the study subjects? If not, please describe the feasibility of being able to recruit the expected number of study participants.

Do you require assistance with your IRB application, consent forms, education materials, or participant consenting?