

**Application form to access Genes & Health BioResource and facilities**

Internal Reference #\_\_\_\_\_\_\_\_\_\_\_\_\_

Applicant details

1. **Project Name:**
2. **Applicant details**:

Title

Name

Institution

Email

Address

Tel

Other relevant contacts: (e.g. PA)

Is your application from (delete as appropriate): Academic Institution/Charity sector/Industry

1. **Co-applicants and collaborator details**:

Title

Name

Institution

Email

Title

Name

Institution

Email

Project summary

1. **Lay summary** *[250 words , avoid using complex scientific or clinical terminology. This will be published on genesandhealth.org]. Cover the project aims, how the research will be undertaken, and how the results will improve health for South Asian populations.*
2. Please provide a **scientific outline** of your proposal. Include background, hypothesis and key aims, methodology, numbers of volunteers & samples, with power calculation if appropriate. Provide details of any pilot studies that will support this application. *[Max 2 pages]*
3. Datasets to be used (delete as appropriate):

Illumia genotyping / Exome sequencing / Primary care health records / secondary care health records / NHS Digital Hospital Episode Statistics / External datasets - specify

1. Please describe a **timetable** for the research, including a start and end date
2. Please indicate whether the proposed work is part of a **current or future PhD thesis** and provide a non-confidential title or short description of the project and details of institutions directly involved in the supervision. [*this will be shared with our funders for reporting purposes*]

Not part of a PhD thesis / Provide details:

1. **Why do you wish to use G&H for this proposal**?

Could this study be undertaken elsewhere e.g. UK Biobank, Cambridge/NIHR BioResource, Born In Bradford, etc?

1. Please provide any **relevant references or other material** in support of your application.

Ethics & review

1. Has your project had any **external scientific review**? E.g. from funders. If so include original(s) as attachment.

Yes – attached / No

1. Has your project had any external **ethics**/**governance review**?

Yes – outcome attached / No – in progress / No – not required

Ethics approval is required for projects involving recall of participants. You will be required to show your approval prior to final G&H approval, but we can provide approval in principle.

1. Does your project raise any potential **ethical or contentious issues** or other concerns?

Yes – specify / No

1. Will you **feedback any G&H data/genotypes** to volunteers? (Please note that feedback of your own data is covered by your own ethics).

Yes – specify / No

Project details

1. Do you require **use of G&H clinical assessment centre facilities or services?**

Yes / No

If yes, specify facilities requested [delete as appropriate]:

Clinical history / examination

Height/ weight / BP / ECG / abdominal and hip circumference

 Phlebotomy

Optos retinal photo / iDXA / fibroscan+CAP / bioimpedance

Please detail other clinical assessments required:

 Do you require use of clinical laboratory testing?

 Yes – The Doctors Laboratory\* / Yes – Other / No

 \*TDL may require a setup fee

1. Do you require access to G&H volunteer **electronic health record data**?

Yes / No

If yes:

Which PheCodes/ICD-9/10/SNOMED-CT codes will you use (or disease/traits if unknown):

 Will you require detailed review of individual health records?

 Yes – details: / No

1. Do you require **access to existing G&H samples**?

Yes / No

If yes, specify the volume and quantity of each:

Saliva DNA (all participants):

Stored & processed blood or blood parts (some participants):

Stored & processed urine (some participants):

Will you return leftover samples to us?

Yes/No

 Will you share data generated from samples?

 Yes – provide details / No

 Will data or samples be shared outside of your institute / organisation?\*

Yes/No

\*If data or samples are to be shared outside your organisation, please add a named collaborator for each site, and they will be required to co-sign appropriate agreements.

Data & security

1. **Data and sample security**

Note that any participant-level genotype or health record data can only be accessed within the UK-SeRP Data Safe Haven. Summary data can be exported.

Describe how you will ensure data security for summary data outside of the data safe haven:

Describe how you will ensure sample security (if applicable):

1. Will all project staff complete the information **Data Security Awareness training** on e-LfH.org.uk? Access to the data safe haven will not be granted until training has been completed.

Yes – certificates attached / Yes – in progress / No

1. Please confirm you will return any data you generate to G&H within 6 months of generation, and that this can be made available to other applicants as part of the G&H resource.

Yes/No

Acknowledgements and costs

1. Please confirm you will use this acknowledgment statement for conference abstracts or publications (including internet publication):

 *“This research has been conducted using the Genes & Health study, and we thank the volunteers that have donated their samples and time to this research project. We acknowledge core funding to the study from the Wellcome Trust, Medical Research Council and HEFCE-Catalyst.”*

We recommend citation of our detailed cohort profile to provide a description of Genes & Health in conference abstracts and publications. (<https://academic.oup.com/ije/advance-article/doi/10.1093/ije/dyz174/5555939>)

Yes / No

1. Costs

A costing template is available on <http://www.genesandhealth.org/>. Please contact r.lerner@qmul.ac.uk to discuss costing for your study.

Study costs:

Source of funding: