**GEMINI Proposal Form for Biological Sample Use**

The use of biological samples collected as part of the GEMINI case-Control and Cohort studies is to be reviewed by the biological sample use committee and approved by the study PIs prior to any analyses.

Please provide the information as described in the attached sample form so that the use of the biological samples can be reviewed for scientific and technical merit.

* We expect that sample use will be minimized and that all sample not consumed will be returned to the biorepository.
* All analyses should be planned and conducted so that the laboratory personnel are blind to the sample identity
* Important point to be addressed in your proposal
  + Information on the laboratory and the methods to be used
  + The repeatability of the assay (e.g. the CV)
  + Plans for inclusion of blind quality control samples
  + A justification for the volume/mass of sample requested
  + A plan for the statistical analysis of the results
  + An estimate of the statistical power
  + An estimated budget or assurance that costs, including shipping, will be covered

**Proposal Title:**

**Research team** (please make sure to include the person(s) responsible for the laboratory work)

|  | Title and Name | Highest Degree | Affiliation | Position |
| --- | --- | --- | --- | --- |
| **Principal Investigator** |  |  |  |  |
| **Co-principal Investigator 1** |  |  |  |  |
| **Co-principal Investigator 2** |  |  |  |  |
| **Other investigators** |  |  |  |  |

**Sample requirement:**

Type of samples:

Number of samples:

Amount/volume:

**Background:** *1-2 paragraph review/rationale for study*

**Objectives:**

Primary

Secondary

**Study design and methods:**

*Sufficient details to understand:*

* *Use of samples*
* *Proposed technical methodology*
* *Place where analysis will occur*
* *Justification for requested sample volume/mass*

**Quality Control:** *Describe QC plans and any information on assay quality*

**Statistical Analyses:**

**Sample size and power:**

**Amount and source of funding (if any):**

**Timeline**:

1. Receiving samples:
2. Aliquoting and sending samples to the laboratory:
3. Completing laboratory work:
4. Preliminary analysis and first report:
5. Completing data analysis:
6. Completing manuscript preparation and final report:

**References:**