**NeuroGenomics and Informatics Center - Pilot Grant Program**

2023 LETTER OF INTENT (LOI)

**Instructions**Complete LOI includes this form, questionnaire, brief project summary, and specific aims.

Letters of intent (LOI) are due by 5:00PM CST *Friday, December 9, 2022* and should be *submitted as a single PDF*. PDF should be forwarded to the NGI (neurogenomics@wustl.edu).

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| --- | --- |
| **Title of Project** |  |
| **Principal Investigator** (must be an NGI affiliated member) |  |
| **Department** |  |
| **E-mail** |  |
| **Phone** |  |
| **Names and departments of Co-investigators (if any)** |  |
| **Support overlap** (describe any overlap with existing or pending support, or a statement that there is no overlap) |  |

**Please use as much space as necessary to answer the following questions:**

1. How will the proposed work advance the vision of the NGI Center to transform the field of human neurogenomics by going beyond the analysis of genomic DNA to explore other omics layers, including epigenomics, transcriptomics, proteomics, and metabolomics?
2. How will this project, if successful, lead to advances in diagnosis, treatment, or prevention of neurodegenerative disease?
3. Describe how each collaborating investigator will contribute to the proposed project. Please note: 1) Use or supervision of a center facility is not assumed to be collaboration. 2) Description should include each investigator’s role *on the project* (not simply a description of expertise); 3) If the collaboration involves a former mentor, please provide justification to explain why the project is a collaboration versus continued mentorship.
4. If your preliminary data include new discoveries or intellectual property, have you filed an Invention Disclosure Form with the WU Office of Technology Management (<http://research.wustl.edu/Offices_Committees/otm/Pages/OTM.aspx>)? (Note, this is a reminder, not a requirement.)
5. Describe anticipated use of NGI Center data ([Resource Sharing Hub](https://neurogenomics.wustl.edu/resource-sharing-hub))
6. Describe plans to seek full external funding for this project.

**Brief project summary, including methodology (1000 characters, including spaces)**

**Specific aims of the proposed project (1000 characters, including spaces)**

*Note: Please attach a biosketch and Other Support page for the PI and each collaborator.*