**Summer 2023 Request for Applications**

**LYSOSOMAL BIOMARKERS PROGRAM**

#### **Pre-PROPOSAL TEMPLATE**

*Please use the following template to create an executive summary of your experimental plan and upload a PDF copy with your online submission. Text should be no smaller than 11-pt font and not exceed* ***2 pages, including optional references****. You may delete the instructional text in each box below to save space.*

Principal Investigator:

Institution/Company:

Project Title:

I plan to request biospecimens from MJFF for use in this project. (If yes, please download and complete the separate Biosample Request Pre-proposal Form.)

|  |  |
| --- | --- |
| BIOMARKER | Describe the biomarker you propose to develop, characterize, or validate.  *\*If proposing tracer development, explain the target and the type of project (compound screening, in vitro testing, early in vivo testing).* |
| RATIONALE | Highlight any previous research supporting the proposed measure. Prior demonstrations of feasibility or significance and inclusion of pilot data (including assay characteristics, where applicable) are strongly encouraged. |
| EXPERIMENTAL PLAN & RESOURCE AVAILABILITY | Describe the study design and specific plan for the project, including timeline. Please indicate your access to data, biospecimens, reagents, and/or technology as appropriate. Include sufficient detail of study methods (e.g., sample type, analysis platform, experimental comparisons) to ensure that reviewers can evaluate your strategy without referring to extensive external sources of information. Include preliminary data from human samples where possible.  *\*If proposing novel antibody generation (to support assay development), please speak to long term access for relevant assay work (ex. use of monoclonals, path to commercialization & scalability, any IP considerations, etc). Working with MJFF to deposit the resulting antibody in an MJFF-designated repository for community access is a requirement of this program.* |
| IMPACT | Indicate how the proposed work is directly linked to advancing PD therapeutics. Describe how the project will inform and transform clinical trials (e.g. by improving their design, execution, stratification, interpretation of results, etc.)  *\*If using fibroblasts or iPSCs, please describe the translational value and path to use in the clinic.* |
| DIVERSITY, EQUITY, INCLUSION | If possible, highlight how the biomarker/cohort/work proposed will be representative of *all* people with Parkinson’s. If prospective recruitment is necessary, please briefly describe efforts to enroll a diverse population. If existing samples will be leveraged, provide a high-level overview of the key demographics. |