<http://amp.pharm.mssm.edu/LDR/#/user/admin>

**General Comments – (my review of the content within the NIH Approval Interface)**

1. Would suggest renaming the *DSGC* field to *Center*
   1. I’m pretty sure this was a suggestion from Avi to name it DSGC. I will confirm with him. Can certainly be done.
2. Why do we use values for the *Readouts* field as opposed to the actual readout provided by the Centers? Will the values be hyperlinked to a description of the readout?
   1. Values were used just to conserve space. They can definitely be hyperlinked. Expanding the table row should give all of these details as well.
3. Is it confirmed that this is all Level 1 data
   1. Yes. If a release does not have a level one release date, the next available one will be shown.

**NeuroLINCS – (my review of the content within the NIH Approval Interface)**

1. The *Assay* name versus the Dataset name – I assume this is being worked on
   1. You are correct. This is in progress
2. Regarding the Readouts column: In their milestone sheet [NeuroLINCS Milestones\_10MAR2015\_final.xlsx], they indicated a note ‘change to phenotype’ above the *Targets/Readouts monitored* column. How should we/or do we need to address?
   1. I talked to Avi about this today. I have not had time yet, but I am going to go one by one and check which readouts have changed.
3. Entry: iMN Tunicamycin Toxicity: ER Stress
   1. Readout column indicates value of 2, however, in their milestone sheet, the readout column has the following information:
   2. I’m assuming the two here are “cell fluorescence after propidium iodide” and “# cells with PI uptake” This is one of the changed fields, not sure how to address this.

|  |
| --- |
| cell fluoresence after propidium iodide |
| # cel with PI uptake |
| 10 images per experiment |
| **“analyze particle” function of the Image J software** |
|  |
|  |
| ex. 1 target, 1 phenotype |

1. Entry: QC and SOP development for proteomic analysis iPSC to motor neuron differentiation
   1. In the milestone sheet, it is written as QC and SOP development for proteomic analysis of iPSCs
2. Entry: Epigenomics-ATAC-Seq for control and disease iMNs
   1. In milestone sheet, release date is indicated as Y1 Q4 which would be September 30, 2015??
3. Entry: Baseline RNAseq for control and diseased iPSC lines
   1. Readout column indicates value of 1, however, in their milestone sheet, the readout column has the following information:

|  |
| --- |
| Read counts |
| FPKM |
| Statistically significant DEGs |

1. Entry: RNAseq for control and diseased iMNs
   1. In milestone sheet, release date is indicated as Y1 Q4 which would be September 30, 2015??
   2. Readout column indicates value of 1, however, in their milestone sheet, the readout column has the following information:

|  |
| --- |
| Read counts |
| FPKM |
| Statistically significant DEGs |

1. Entry: RNAseq for control and diseased iMNs plus perturbations
   1. In milestone sheet, release date is indicated as **Y2** Q4 which would be September 30, 2016??
   2. Readout column indicates value of 1, however, in their milestone sheet, the readout column has the following information:

|  |
| --- |
| Read counts |
| FPKM |
| Statistically significant DEGs |

1. Entry: QC and SOP development for proteomic analysis iPSC to motor neuron differentiation
   1. In their milestone sheet, this entry is expressed as **QC and SOP development for proteomic analysis of iPSCs**
   2. Readout column indicates value of 1, however, in their milestone sheet, the readout column has the following information:

|  |
| --- |
| raw MS files (.raw .wiff) |
| Protein identifications and relative quantitation of proteins identified with FDR of 0.1% |
|
|

1. The (3) entries related to SWATH are represented differently in their milestone sheet [NeuroLINCS Milestones\_10MAR2015\_final.xlsx]
2. Entry: Epigenomics-Baseline ATAC-Seq for control and disease iPSC lines
   1. In milestone sheet, release date is indicated as Y1 Q4 which would be September 30, 2015??
3. Entry: Epigenomics-ATAC-Seq for control and disease iMNs plus perturbations
   1. In milestone sheet, release date is indicated as Y2 Q1 which would be December 31, 2015??