RFA 2017 Core Coins Funds for Eukaryotic Protein Expression Facility

Dear Colleagues:

The Eukaryotic Tissue Culture Facility (ETCF) has been awarded $25,000 in Core Coins from the School of Medicine to fund ~10 projects that need the use of the facility for eukaryotic cell tissue culture or eukaryotic protein expression in insect or mammalian cells.

Examples of experiments suitable for the facility include (but are not necessarily limited to):

- Culture of HEK293 cells expressing your protein of interest
- Expression of proteins in insect or mammalian cells for biochemical or biophysical characterization.
- Expression of a protein complex in insect or mammalian cells for drug profiling.

The facility can provide some flexible support for diverse user needs, such as the individual expression of three different clones in a 1L culture format using HEK293 cells, the transfection of a single clone into HEK293 cells and scale-up to 4L of culture, a small trial of expression conditions for several different bacmids using insect cells, or large-scale bacmid expression in ~4L insect cell culture. We can also offer credit toward the independent use of facility equipment for more specialized efforts (e.g., use of the hood, stirrer or spinner platforms, media prep, storage of cells in liquid nitrogen, etc.).

All SOM Faculty may apply. Preference will be based on the stated impact of the proposed project and on providing access to new users of the core, junior faculty, and faculty looking to generate preliminary data for a renewal application. Please apply by September 28th by providing a description of the project (one page or 500 word maximum) that explains why the facility is needed, how it will be used, and how the resultant data or reagents will advance your research program and help address a pressing scientific problem. Please also include an NIH format biosketch with your submission.

The Core Coins will be administered through the iLab program, using an account that will provided after a funding decision is made. All work funded with Core Coins must be completed within 12 months of the award date. Core Coins are not renewable, transferable, or eligible for extension beyond 12 months. You will be asked to provide a brief report of your experience, along with any outcomes in terms of findings, papers, or proposals that emerged from the work done by the ETCF. This information will be needed no later than one year after the Core Coins are awarded. By accepting this support, awardees must agree to acknowledge the Core Coins program and the ETCF in any publications resulting from the funding.

All Applications should be emailed to ETCF@jhmi.edu. Proposals will be evaluated for feasibility, fit, and impact.