JOB NO.

**THE JACKSON LABORATORY**

# PROJECT EXPENDITURE REPORT

Tuesday, June 22, 2021

Sponsor: Alan Sawyer/Charles LeeEstimated Cost: $??,???.??

Price after negotiations: $??,???.??

Client: Travis Hinson, M.D. – Assistant Professor

Project Manager: Ryan E. Pelkey

**TITLE: Multicell High-Throughput System**

Description and Justification:

CytoCypher high-throughput (HTS) cell physiology screening platform enables cellular physiology and screening particularly for contractility and Ca2+ flux/membrane potential analyses. The system has been utilized by scientists studying cardiac and skeletal myocytes, neurons and cancer cells including islet cell physiology (Ca2+ flux is critical to islet insulin regulation) and neurophysiology particularly ion channel flux and all cells that generate motion or cycle ions across membranes). There are multiple JAX PIs whose research could benefit greatly from having access to this system.

Location, space, and oversight TBD, pending results of DIF approval.

Payback: Indeterminant Cost Savings: No

Estimated Life: 10 yrs. Increased Capacity: Yes

Asset Replaced: No Improved Conditions: Yes

Cube Related: No Necessity: Yes

CPS#: DIF Submission Baseline Budget Adjustment No

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Facilities Budget Details** | |  | **IT Budget Details** | |
| **Item** | **Original Est.** |  | **Item** | **Original Est.** |
| Construction | $ - |  | Hardware | $ - |
| Equipment | $ - |  | Software | $ - |
| A & E Design (8%) | $ - |  | Other (Describe) | $ - |
| Permitting (0.5%) | $ - |  | Total | $ - |
| Contingency (10%) | $ - |  |  |  |
| Total | $ - |  |  |  |

Approved by: Ryan E. Pelkey \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_date:\_\_\_\_\_\_\_

Alan Sawyer\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_date:\_\_\_\_\_\_\_

Andy Greene \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_date:\_\_\_\_\_\_\_

Jay Vetelino \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_date:\_\_\_\_\_\_

Doug Abbott \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_date:\_\_\_\_\_\_\_

Catherine Longley \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_date:\_\_\_\_\_\_\_

Lon Cardon \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_date:\_\_\_\_\_\_\_

Activity Number: TBD

**Capital Budget Balance**

**THE JACKSON LABORATORY**

# PEP SUPPLEMENT FOR SCIENTIFIC EQUIPMENT

Activity Number: TBD

**GENERAL COUNSEL COMPONENT:**

To be filled out by General Counsel Services

Approved by:*General Counsel* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_date:\_\_\_\_\_\_\_

Daniel Hoag

**BUDGETS AND PLANNING COMPONENT:**

To be filled out by Financial Services

Approved by:*Financial Services* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_date:\_\_\_\_\_\_\_

Michael Dearing

**SCIENTIFIC INSTRUMENT SERVICES COMPONENT:**

See Equipment Procurement Checklist. Location, space, and oversight TBD, pending results of DIF approval.

Approved by: *Scientific Instrument Services Manager* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_date:\_\_\_\_\_\_\_

Ryan E. Pelkey

**FACILITIES ENGINEERING COMPONENT:**

To be filled out by Facilities Engineering - Description of work to be performed, estimated duration, and costs.

Approved by: *Engineering* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_date:\_\_\_\_\_\_\_

Norm Burdzel

**IT COMPONENT:**

To be filled out by Information Technology - Description of work to be performed, estimated duration, and cost. IT network, data storage requirements, LIMS requirements.

Approved by: *IT Manager* \_\_\_\_\_\_\_\_\_\_\_\_\_\_date:\_\_\_\_\_\_\_

Brendan Arbuckle

**EHSS & RADIATION COMPONENT:**

EHSS: To be filled out by EHSS - Description of any EHSS concerns/impacts.

Approved by: *EHSS Manager* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_date:\_\_\_\_\_\_\_

Izabela Puskarz or Mike Lee

Radiation Safety: To be filled out by Radiation - Description of any Radiation or Laser concerns/impacts.

Approved by: *Radiation Safety Officer* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_date:\_\_\_\_\_\_\_

Julie Alderman or Levi Chouinard