## Progress Report Instructions

1) All sections must be completed
2) **One electronic** copy should be **e-mailed** to the CSSP and another **hard copy** to be signed and **sent by regular mail** (accompanied by copies of any equipment or travel expenses invoices) to the BA/CSSP by the date specified in the original funding Memorandum of Understanding.

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# Investigating CSMD1 signalling pathways and evaluating their prognostic values in breast cancer patients

**Progress Report No. 1/3**

Researcher Name: Mohamed Kamal Saleh

## Description of the Current Phase

**phase No. 1 of the project includes the following activities:**

1- Receiving RNA samples from our European counterpart, making up cDNA and testing its quality.

2- Selecting genes to be included in the qPCR arrays to be ordered after receiving the 2nd installment of the grant.

3- Optimizing Immunohistochemistry staining (preparation of positive controls).

## 2. Phase Key results and activities

| **Key results of Phase No.** *<1/3>* | **Accomplishment Status of each activity** *< done, pending>* | **Causes of delay (if any)** | **Impact** |
|---|---|---|---|
| **Result 1**<br>**Activity 1:** RNA samples have been arrived from England.<br>**Activity 2:** *cDNA has been made up from the RNA using cDNA synthesis kit.*<br>**Activity 3:** The integrity of the RNA was tested using GAPDH house keeping gene using PCR. | *All activities have been successfully accomplished and the RNA integrity was fine (please find attached a PCR* | No delay | *No changes in the project plan* |

| | | | |
|---|---|---|---|
| | *picture for the tested sample.* | | |
| **Result 2**<br>**Activity 1**: Designing the CSMD1 qPCR array. | *Done by using GeneSeive software to include the most functionally relevant genes to CSMD1. Please find attached a list of the selected genes.*<br><br>*Lonza company has been contacted to manufacture the array. Waiting to receive the 2nd instalment to be able to place the order.* | *No delay* | *No changes to the project plan* |
| **Result 3:** Optimizing Immunohistochemistry (IHC) staining<br><br>**Activity 1:** Preparation of a formalin fixed paraffin embedded block for a mouse brain to be used as positive controls for all the subsequent IHC staining. | *Done* | | |

## 3. Enumeration of key results expected over the next reporting period

| **Key Results** | **Comment** *<Mention changes, if any, according to your original proposal>* |
|---|---|
| *Result 1: Ordering and receiving the customized CSMD1 qPCR array (it takes 6 weeks to arrive)* | *No changes* |
| *Result 2: Running the qPCR arrays for CSMD1 positive and negative cells and detecting changes in gene expression in response to CSMD1.* | *No changes* |
| *Result 3: Optimizing specific qPCR assays for genes which showing alterations in their expression* | *No changes* |
| *Results 4: Continuing optimization of the IHC staining and get CSMD1 stained on the positive control.* | *No changes* |

### 4. .Constraints:

Limitations generally outside the control of the project, which may negatively affect the project scope.

| **Constraints** | **Changes planned to overcome** |
|---|---|
| *<Briefly describe each one>* | |
| | |

### 5. Budget:

Please complete the expenditure statement. Identify the expenditure type (travel, materials, overhead, equipments, books…etc.), source of funding (BA/CSSP, other source, in-kind contribution), and cost per item. *Additional rows may be added if necessary.*

| Total Budget in EGP*: <br> Amount dispersed in the current phase in EGP: | | | | | |
|---|---|---|---|---|---|
| **Expenditure types** | **Items** | **Number of Units** | **Cost per Unit in EGP** | **Total in EGP** | |
| | | | | **BA Fund** | **Others** *< Please mention it>* |
| **Equipment** | | | | | |
| | | | | | |
| | | | | | |
| **Travel** | | | | | |
| | | | | | |
| | | | | | |
| **Research expenses** | cDNA Synthesis kit | 1 | 3000 | 3000 | |
| | Sybregreen Master mix | 1 | 3000 | 3000 | |
| | Primers | 10 | 2000 | 2000 | |

* EGP: Egyptian Pound (1$ = 5.9 EGP)

| | | | | | |
|---|---|---|---|---|---|
| **Others** *(please mention it)* | | | | | |
| **TOTAL** | | | | | |

**By signing this document, the grantee agrees to the following:**

**I declare that the information provided in this report is true, complete, and accurate and give consent to the BA/CSSP grant to verify any information provided in this report.**

**Name: Mohamed Kamal Saleh**

**Signature: Mohamed Kamal**

**Date:** 28.07.12