**APPENDIX.2**

**Non-human subject research**

**- Instructions -**

Appendix. is required as a complete description of your intended research. ***Before submitting this document to*** [***researchpmo@sidra.org***](mailto:researchpmo@sidra.org) ***please remove all the instructions in red.***

1. ABSTRACT

Please describe the nature of the proposed research. This should consider the following components (max. 4000 characters including spaces):

* Give a short introduction of the topic
* Describe the scientific objectives and innovations of this project.
* Describe the need for the proposed research.
* Describe the needed resources for the research.
* Describe the expected scientific outcomes.
* Touch on potential risks and plans to mitigate.

1. INTRODUCTION AND BACKGROUND

* Provide a critical review of current literature and published work.
* Outline the background of the proposed research,
* Assess the state of the art, identify the gaps, and justify the need to conduct this research.
* Provide evidence that the problem exists and that your proposed idea will contribute to a solution to resolve the problem or describes a related level of novelty.

1. MATERIAL AND METHODS

Clearly describe and explain your overall methodology, and methods, as well as materials needed including any tools and equipment / software to be used. (Use this section to reflect whether all tools/equipment will be available at Sidra / collaborator / or as service from a 3rd party).

1. PROPOSAL, OBJECTIVES AND PRELIMINARY DATA

This section should explain the below components, avoid generic descriptions and be very specific.

* Explain the main goal/hypothesis of the proposed research.
* Please describe your study design and scientific plan.
* Describe the main objectives/specific steps you will take to achieve your goals. Provide preliminary data where possible.
* Describe how the proposed research will meet the requirements of human subjects/samples, animal use or hazardous materials when applicable.
* Provide specific details about population and study sample, sample size and selection of sample, source of data, collection of data, exposure assessment, data management and data analysis strategy.
* Provide a statistical power calculation where suitable.
* Describe the expected outputs of the proposed research such as research papers; patents/ Intellectual Property (IP); reports, trained people, or recommendations. (Please see also section 6, where you need to insert the outcomes into a table)
* Describe the expected subsequent effect of the proposed research such as developing new product/device; clinical guidelines; new intervention; new model of care or new revised policy.
* Provide a specific plan for the communication and exploitation of the project’s results as well as the promotion of the project and its findings. Examples could include workshops, public seminars, professional training, policy papers, media outreach.
* Explain how your results provide a basis for further research and external fund.

1. DISCUSSION

* Explain to what extent your proposal explores creative, original, novel, or potentially transformative concepts.
* Ensure all parties understand the importance of your work and its implications in the context with the overall research strategy of Sidra and Qatar.
* Discuss potential risks and how you propose to mitigate them.

1. TABLE SUMMARY EXPECTED OUTCOMES, DELIVERABLES

Please use the table below to state each scientific deliverable with bullet point. Please include any anticipated Intellectual Property.

|  |  |  |  |
| --- | --- | --- | --- |
| Number | Expected Outcome/ Deliverable | Deadline | Comments/Details |
| 1 |  |  |  |
| 2 |  |  |  |
| 3 |  |  |  |
| 4 |  |  |  |

1. Budget Justification

* Please give a short justification for the budget (~5000 characters including spaces). Please cross check that all instruments are available at Sidra. For price calculation please refer to our stockroom items.
* Provide justification for the requested money to execute the research plan.

1. Description of Research Team

Use this Table to provide a brief paragraph for each of your team members. Do not use more than 2000 Characters (including spaces) per team member.

Please use these categories:

* **LPI**, **Co-LPI (**from collaborating branch: one Co-LPI is a person who is equally involved in the study design and important for its pursual and completion, drives the science forward, has additional key responsibilities and needs to co-sign the application as well as the Research Checklist. No more than one Co-LPI is allowed.)
* **Co-PI**: in some cases, 2 or more scientists support the project with various tasks and responsibilities (please limit it to people who contribute substantially, no more than 6 Co-PIs).
* **Investigator;** **Research Coordinator / Nurse; Specialist; Analyst; Technician / Technologist.**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Nb. | Name | Role (LPI, Co-PI, etc…) | Responsibilities | E-mail | Institution\* | Person days for the activity’s duration |
| 1 |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |
| 6 |  |  |  |  |  |  |

***\*****Please note as soon as you have collaborators outside Sidra you might need a collaborative agreement.*