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|  | **Research Proposal**  **Application Form**  **(for Papers)**  **Research Ethics Committee**  **MBRSI- IORG0010947** |  |

**This section for official use only**

**Proposal #:**

**Submission date:**

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| **Revision 1** |  | **Revision 2** |  |

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| 1. **Study information** | | | | | | | | | | | | | | | | | |
| 1. **Study title:** | | | | | | | | | | | | | | | | | |
| * English | | | | | |  | | | | | | | | | | | |
| * Arabic | | | | | |  | | | | | | | | | | | |
| 1. **Registered Dept.** | | | | | | **Molecular Biology** | | |  | | **Biotechnology** | | |  | | **Bioinformatics** |  |
| 1. **Author(s):** | | | | | | | | | | | | | | | | | |
| 1. **Corresponding Author(s)** | | | | | | | | | | | | | | | | | |
| **Name** | | | | |  | | | | | | | | | | | | |
| **Specialty** | | | | |  | | | | | | | | | | | | |
| **Dept.** | | | | |  | | | | | | | | | | | | |
| **Faculty/University** | | | | |  | | | | | | | | | | | | |
| **Email** | | | | |  | | | | | | | | | | | | |
| 1. **Other Author(s)** | | | | | | | | | | | | | | | | | |
| **Name** | | | | | | | | | | **Specialty** | | | | | | | |
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| 1. **Type of Research and Activities Involved (please check all that apply):** | | | | | | | | | | | | | | | | | |
| **Type** | | | | | | | **Materials** | | | | | | | **Methods** | | | |
|  | Retrospective study  Human Participant Recruitment  Animal Studies  *In vitro* Studies  Clinical Trials Case Report  Experimental animals  Other (please specify): | | | | | |  | Infectious agents  Tissue/Cell lines  Therapeutic Intervention  Blood Sampling  Tissue Sampling  Other (please specify): | | | | | |  | Genetic Analyses  Conventional Microbial analysis  Secondary Data/Specimen Analysis  Molecular Diagnosis  Biochemical analysis  Other (please specify): | | | |
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| 1. **The National Strategy for Science and Innovation 2030** | | | | | | | | | | | | | | | | | |
| **Energy** | | | | | | | | |  | |  | | | | | | |
| **Water** | | | | | | | | |  | |  | | | | | | |
| **Health and Population** | | | | | | | | |  | |  | | | | | | |
| **Agriculture and food** | | | | | | | | |  | |  | | | | | | |
| **Environment and Natural Resource protection** | | | | | | | | |  | |  | | | | | | |
| **Technological Applications and Future Science** | | | | | | | | |  | |  | | | | | | |
| 1. **Research area: (must be confined with institutional research plan)** | | | | | | | | | | | | | | | | | |
|  | |  | | | | | | |  | |  | | | | | | |
| 1. **Availability of Funding Source:** | | | | | | | | | | | | | | | | | |
|  | | |  | **No** | | | | |  | | |  | Yes | | | | |
| If Yes, Please list all source(s): | | | | | | | | | | | | | | | | | |
| 1. **Conflict of Interest:** All investigators must declare any potential conflict of interest. | | | | | | | | | | | | | | | | | |
|  | | |  | **No** | | | | |  | | |  | Yes | | | | |
| If Yes, Please explain: | | | | | | | | | | | | | | | | | |

1. **Study proposal/protocol**
2. **Background:**
3. **Research Problem:**
4. **Research Question:**
5. **Research Hypothesis:**
6. **Research Aim:**
7. **Research Objectives:**

**Primary Objective:**

**Secondary Objectives:**

1. **Study Design:**
2. **Study Setting: (including all collaborating centres)**
3. **Study Population:**
4. **Details of the Study Subjects / Participants**
5. **Inclusion / Exclusion Criteria**
6. **Study Procedures:**
7. **Data Management and Analysis:**

- All obtained data will be statistically analyzed using appropriate and relevant procedures.

*- Please provide names and types of the used tests:*

*If your study is descriptive with no comparisons between groups:*

*Numeric data will be presented as mean± SE, or as median and range according to the type of distribution of each variable.*

*If your study includes comparisons between groups:*

*Comparison between groups will be made by Student’s t-test according to data distribution.*

*Chi squared test for categorical values.*

1. **Ethical Part and Confidentiality:**

- All authors of the current project confirm their compliance with the internationally recognized bioethical standards throughout the entire work.

- Study ethical approval will be granted by the Research Ethics Committee, Molecular Biology Research & Studies Institute (MBRSI), Assiut University.

- No study activities will be started until the approval is obtained.

1. **Publication:**

- The corresponding author(s) will be responsible for the publication process and the order of the other author(s) in the authorship of the publication according to their significant roles in the study.

- After the approval of the proposal study author(s), other author(s) may be added to the authorship of the publication if significantly contributed to the study.

1. **Attachments (if applicable):**
2. **References:**

**Research Reporting Timetable:**

***Please mark squares corresponding to time required for each specific action***

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| **Activity**  **(Other activities may be added)** | ***Time required (Months)*** | | | | | | | | | | | |
| **2** | **4** | **6** | **8** | **10** | **12** | **14** | **16** | **18** | **20** | **22** | **24** |
| **Preparation and development of Material** |  |  |  |  |  |  |  |  |  |  |  |  |
| **Training of personnel involved in the research (if needed)** |  |  |  |  |  |  |  |  |  |  |  |  |
| **Research work (Clinical, lab work or field work)** |  |  |  |  |  |  |  |  |  |  |  |  |
| **Data entry and analysis** |  |  |  |  |  |  |  |  |  |  |  |  |
| **Research writing** |  |  |  |  |  |  |  |  |  |  |  |  |
| **Publication** |  |  |  |  |  |  |  |  |  |  |  |  |

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| **Commitment of Authorship committee/ contributor(s)** | | | | | | | | | | |
| ***I agree to conduct this Research in accordance with applicable regulations, procedure and policies of MBRSI and to submit required progress reports.*** | | | | | | | | | | |
| **Name** | | | **Role** | | | | **Signature** | | **date** | |
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| **Approval of Registered Department** | | | | | | | | | | |
| **Molecular Biology** |  | **Applied Biotechnology** | | |  | **Applied Bioinformatics & Biostatistics** | | | |  |
| ***The research proposal was found scientifically sound after appropriate field expert reviewing and lays within Institutional research plan priorities. The investigator has appropriate resources to conduct the Research.*** | | | | | | | | | | |
| **Head of Department** | | | | | | | | | | |
| **Name** | | | | **Signature** | | | | **Date** | | |
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| **Decision of MBRSI-Research Ethical Committee:** | | | | |
| **Decision** | | **Date** | **Reviewers signature** | |
| Approved |  |  |  | |
| Minor revision |  |  |
| Major revision |  |  |
| Approved after revision |  |  |
| Rejected |  |  |
| **Comments *(points need to be readdressed)*** | | | | |
| **Head of MBRSI-Research Ethics Committee approval** | | | | |
| **Name** | | **Signature** | | **Date** |
|  | |  | |  |