|  |  |  |
| --- | --- | --- |
| **ASU E** | A logo for a scientific company  AI-generated content may be incorrect. | A logo of a book with a pen and sun  AI-generated content may be incorrect. |

**RESEARCH ETHICS COMMITTEE**

**(Biological Sciences Application Form)**

**APPLICATION FORM** (Biological Sciences)

Research must NOT begin until approval has been received from REC

**APPLICATION DETAILS:**

|  |  |  |  |
| --- | --- | --- | --- |
| **The Researcher** Name: |  | | |
| E-mail address: |  | | |
| Mobile number: |  | | |
| Affiliation: |  | | |
| department |  | | |
| Name of principal supervisor **or** principal investigator (PI): |  | | |
| Affiliation of principal supervisor **or** PI: |  | | |
| Supervisors (authors) Names: |  | |  |
|  | |  |
| Thesis/ Research title (in English): |  | | |
| Thesis/ Research title (in Arabic): |  | | |
| **Type of Project:**  MSc. Thesis. PhD. Thesis. Research    **In case of the research:** Is this research derived from a scientific thesis?  **Yes No**  Is this thesis approved previously from the research ethics committee?  **Yes No**  What is the status of this research? Not published Under publication process Published | | | |
| **Aim and Objective of Research (***briefly)* | | | |
| Will your Research/Thesis Involve? |  | Human volunteers/samples of human body fluids or tissues | |
|  | Plants | |
|  | Experimental animals | |
|  | Cell line/tissue culture | |
|  | Genetic modification | |
|  | None of the above (**specify**) | |
| Research proposal: |  | | |
| I commit to follow all ethical research guidelines and instructions and to provide any needed guaranties upon requisition and affirm that all the mentioned data are correct. | | | |

**Please choose one of the following forms according to the type of research / experiments performed**

**Form (1)**: Application to obtain ethical approval for research involving human

**نموذج (رقم 1): طلب الحصول على الموافقة الاخلاقية لإجراء البحوث على الانسان**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **1- Type of research** | | Survey | Drug trial | Other (**specify**) |
| **2- Demographic Data** | | Male | Female | Both |
| <18 year | >18 year | |
| Vulnerable (if yes, specify) | | |
| **3- Is the research having potential benefit(s) to participating subjects? If any, please state.** | | | | |
| **4- What is the approximated number of subjects?** | | | | |
| **5- State the followed safety protocols towards the participants.** | | | | |
| **6- State the type of Sample/Biopsy obtained from participants.** | | | | |
| **7- Who will collect the samples from the participants?** | | | | |
| **8- Where this work will be performed? Specify place license and provide certified medical approval** | | | | |
| **9- Is informed/broad consents of the involved human subjects or their guardians are taken?** | | **YES, (provide a certified photocopy of informed consent )**  **NO** | | |
| **10- Does sampling require request approvals from other parties? If any, state them.** | | | | |
|  | **11- Does the study include taking medication/clinical trial?**  **YES**, (**provide the required approvals/licenses from the concerned Egyptian parties, then mention: the drug name, the dosage, the route of administration and the duration for such medication and why can’t this research be carried out with animal/non-animal alternatives? with reference(s))**.  **NO** | | | |
| **12- Specify procedures to be applied for disposal of biohazards (tissue waste and other wastes as: blood, urine, serum, media, .... etc.), after research end?** | | | | |
| I commit to maintain the confidentiality of information and the safety of the human subjects involved in the research, to follow all ethical research guidelines and instructions, to submit a certified copy of the informed consent form that will be used in the study or consent to be exempt from it and to provide any needed guaranties upon requisition. I affirm that all the mentioned data are correct. | | | | |

**Form (2)**: Application to obtain ethical approval for research involving plants

**نموذج (رقم 2): طلب الحصول على الموافقة الاخلاقية لإجراء البحوث على نباتات**

|  |  |  |
| --- | --- | --- |
| 1. **The current research involves:** | | |
| Rare plants | Endangered plant | Available Plants |
| 1. **What kinds of samples will you collect from rare or endangered plants?** | | |
| Whole plant | Part of shoot system | Seeds |
| 1. **Does the current research use soil samples beneath rare or endangered plant species?** | | |
| Yes | No |  |
| 1. **Does the current research introduce a genetic modification?** | | |
| Yes | No |  |
| 1. **Does the current research introduce novel genotypes into endangered plants?** | | |
| Yes | No |  |
| 1. **Are the propagated research plants are reintroduced into the wild?** | | |
| Yes | No |  |
| 1. **Where is your research being conducted?** | | |
| National Park | Protected area | Other, specify |
| 1. **Have you obtained the required permit?** | | |
| Yes | No, why |  |
|  | | |
| I commit to follow all ethical research guidelines and instructions, to submit permit(s) from the concerned party and to provide any needed guaranties upon requisition and affirm that all the mentioned data are correct. | | |

**Form (3)**: Application to obtain ethical approval for research involving animals or insects

**نموذج (رقم 3): طلب الحصول على الموافقة الاخلاقية لإجراء البحوث على حيوانات أو حشرات**

|  |  |  |  |
| --- | --- | --- | --- |
| 1. **What is the species of experimental animals or insects used?** | | | |
| 1. **Is the current research using rare or endangered animals? If yes, specify the animal species and how the researcher collects this animal species?** | | | |
| Yes | No | |  |
| 1. **Mention the source of the experimental animals or insects.** | | | |
| 1. **Does the current research introduce a genetic modification?**   **Yes No** | | | |
| 1. **What is the approximate number of animal or insect groups required and the number of animals in each group?** | | | |
| 1. **Mention the duration of the experiment.** | | | |
| **7 - Animal/ insect housing and care:** | | | |
| * Where will you conduct the experimental work? * Are the facilities and housing conditions available at the animal house adequate to conduct this study and to | | | |
| provide optimum welfare to animals? | | Yes | No |
| **8- Mention the insect rearing conditions.** | | | |
| **9- What are insects rearing precautions followed with pathogens used in your research?** | | | |
| **10- How to avoid any cross contamination along your research time?** | | | |
| **11- What is the method used to euthanize the animal?** | | | |
| **12- What is the method of disposal of sacrificed animals and biological wastes (solid waste; tissues and blood, etc.…) after research?** | | | |
| I commit to follow all ethical research guidelines and instructions, to submit permit(s) from the concerned party and to provide any needed guaranties upon requisition and affirm that all the mentioned data are correct. | | | |

**Form (4)**: Application to obtain ethical approval for research involving tissue culture/cell line

**نموذج (رقم 4): طلب الحصول على الموافقة الاخلاقية لإجراء البحوث على زراعة أنسجة/خلايا**

|  |  |  |
| --- | --- | --- |
| 1. **Is the use of tissue culture/cell line necessary to obtain results?** | | |
| Yes | No |  |
| 1. **What is the cell line name / origin to be used?** | | |
| 1. **Where will you purchase/obtain the cell line?** | | |
| 1. **Where will you conduct the experimental work?** | | |
| 1. **Who will be responsible for the experimental work?** | | |
| 1. **Is the research (cell line procedure) involving viruses/infectious agent?** | | |
| Yes | No |  |
| If Yes, Mention the type and name of virus/infectious agent, as well as the license and lab biosafety level of the place where this experimental work will be conducted. | | |
| 1. **What is the disposal method used for cell culture liquid waste media and other wastes, after research end?** | | |
| I commit to follow all ethical research guidelines and instructions and to provide any needed guaranties upon requisition and affirm that all the mentioned data are correct. | | |