

# Institutional Biosafety and Bioethics Committee (IBEC)

Registration Number with NCBE, KSA: HAP-02-J-042.

Guideline IBEC 002



## Human Subjects and Biosafety Research Training Requirements

### 1.0 Overview

Prior to approving a protocol, the Institutional Biosafety and Bioethics Committee reviews the qualifications of all individuals working with biohazards, human samples/data or conducting human subjects research. This is done to ensure that all individuals have the appropriate training and experience needed to perform their procedures correctly. If new personnel wish to begin work under a previously approved protocol, their qualifications are also reviewed by the IBEC before the new personnel may begin working.

The IBEC has established online training requirements for individuals based on their roles.

### 2.0 Researcher Training

#### 2.1 Bioethics Training (CITI Training website)

Course Title: “Human Subjects and Bioethics Training”. Training must be completed before starting work with human subjects or human samples/data and must be renewed every three years. Training is located on the [CITI Training Website](#). For issues with online registration, contact [Research.compliance@kaust.edu.sa](mailto:Research.compliance@kaust.edu.sa)

##### 2.1.1 Required training:

- a. History and Ethics of Human Subjects Research
- b. Informed Consent
- c. Populations in Research Requiring Additional Considerations and/or Protections
- d. Avoiding Group Harms – International Research Perspectives

##### 2.1.2 Elective training (Pick at least one):

- a. Social and Behavioral Research (SBR) for Biomedical Researchers
- b. Records-Based Research
- c. Genetic Research in Human Populations

##### 2.1.3 Supplemental training (optional, not required):

- a. Consent and Biobanks and Associated Databases
- b. Consent and Cultural Competence
- c. Consent with Subject Who Do Not Speak English
- d. Stem Cell Research Oversight (Part I)
- e. Stem Cell Research Oversight (Part II)

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## 2.2 National Committee of Bioethics (NCBE) training

Training must be completed before starting work with human subjects, human samples/data, animal samples, genetically modified organisms, and plans (as defined by the regulation: [Art. 10.17 'Living Creatures Act'](#)). It must be renewed every three years. Training is located on the [NCBE platform](#). For issues with online registration, contact [Research.compliance@kaust.edu.sa](mailto:Research.compliance@kaust.edu.sa)

## 2.3 Safety Training (SALUTE)

The role of the IBEC is to ensure an effective Occupational Health and Safety program and associated training are in place. The day to day management of such programs and training falls to the HSE Research Safety Team. The HSE Research Safety Team will contact the PI directly regarding protocol-specific safety-related training. Training is located on the [KAUST SALUTE](#). For issues with online registration or for questions regarding safety training requirements contact [hse@kaust.edu.sa](mailto:hse@kaust.edu.sa).

### 2.3.1 HSE required training typically includes:

- a. Laboratory Safety
- b. Hazardous Waste
- c. Emergency Incident Preparedness
- d. Biosafety

### 2.3.2 Hazard Specific training includes:

- e. Bloodborne Pathogens
- f. Particularly Hazardous Substances
- g. Nanomaterial

## 3.0 IBEC Members Training

### 3.1 NCBE training

To be an approved IBEC member, every member must complete an online national training course in Bioethics. This training is available on the [NCBE platform](#). To receive guidance, please contact [research.compliance@kaust.edu.sa](mailto:research.compliance@kaust.edu.sa).

### 3.2 Bioethics training (CITI training website)

To be an approved IBEC member, every member should complete the course titled: "Human Subjects and Bioethics Training". It must be renewed every three years. Training is located on the [CITI Training Website](#). For issues with online registration, contact [Research.compliance@kaust.edu.sa](mailto:Research.compliance@kaust.edu.sa)

#### 3.2.1 Required training:

- e. History and Ethics of Human Subjects Research

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- f.* Informed Consent
- g.* Populations in Research Requiring Additional Considerations and/or Protections
- h.* Avoiding Group Harms – International Research Perspectives

## **3.2.2 Elective training (Pick at least one):**

- d.* Social and Behavioral Research (SBR) for Biomedical Researchers
- e.* Records-Based Research
- f.* Genetic Research in Human Populations

## **3.2.3 Supplemental training (optional, not required):**

- f.* Consent and Biobanks and Associated Databases
- g.* Consent and Cultural Competence
- h.* Consent with Subject Who Do Not Speak English
- i.* Stem Cell Research Oversight (Part I)
- j.* Stem Cell Research Oversight (Part II)