

## How to complete:

### ISEF Form 6A –Potentially Hazardous Biological Agents And ISEF Form 6B—Human and Vertebrate Tissue

Potentially Hazardous Biological Agents (6A) and Human or Vertebrate Tissues (6B)

Students planning on research with potentially Hazardous Biological Agents or Human or Vertebrate Tissues must complete Form 3—Risk Assessment before doing Forms 6A or 6B.

1. Become familiar with International Science and Engineering Fair Rules and Guidelines—Potentially Hazardous Biological Agents.
2. a) If your project involves potentially Hazardous Biological Agents, download ISEF Form 6A—Potentially Hazardous Biological Agents.  
  
b) If your project involves Human or Vertebrate Tissues, download Form 6B- Human and Vertebrate Tissue AND Form 6A. Both must be completed and sent to the GSDSEF SRC for approval.
3. Form 6A- The Qualified Scientist or Designated Supervisor must complete this form in collaboration with the student. After Sections 1-3 have been completed it is attached to the SRC Approval form and sent to the GSDSEF SRC for their approval and signatures.
4. Form 6B—If the project involves living organisms, the proper human or animal forms must be completed. **ALL projects using any tissues must also complete Form 6A.**

The student completes sections 1-3 and the Qualified Scientist or Designated Supervisor completes the information in the box below.

5. Forms 6A and 6B must be completed and sent to the GSDSEF SRC and receive approval prior to beginning with research.
6. Depending on where and whom the project is done, ISEF Form 2- Qualified Scientist and or ISEF Form 1C- RRI may be needed. If the project involves living organisms, the proper human or animal forms must be completed.

## 7. Summary—Forms to be sent to the GSDSEF SRC prior to experimentation.

### **ISEF Form 6A—Potentially Hazardous Biological Agents**

- If research is conducted at a **middle or high school**:
  - ISEF Form 3—Risk Assessment
  - ISEF Form 6A- Potentially Hazardous Biological Agents
    - Form completed by Designated Supervisor
  - Human or Animal Forms as necessary.
- If research is conducted at a **Regulated Research Institution**:
  - ISEF Form 3- Risk Assessment
  - ISEF Form 6A completed by Qualified Scientist
  - ISEF Form 2 (Qualified Scientist)
  - ISEF Form 1C- Regulated Research Institution
  - Human or Animal Forms as necessary.
- If research is conducted at a **middle or high school with scientist training/supervision**:
  - ISEF Form 3- Risk Assessment
  - ISEF Form 6A- Completed by Qualified Scientists
  - ISEF Form 2: Qualified Scientist
  - Human or Animal Forms as necessary
- Research conducted at **home: NOT ALLOWED.**
  - NO potentially hazardous biological agents or tissues may be cultured at home. All such work must take place in the properly designated BSL Lab.

### **ISEF Form 6B—Human and Vertebrate Tissues**

- If research is conducted at a **middle or high school**:
  - ISEF Form 3—Risk Assessment
  - ISEF Form 6B- Human and Vertebrate Tissue Form
  - ISEF Form 6A- Potentially Hazardous Biological Agents
    - Form completed by Designated Supervisor
  - Human or Animal Forms as necessary.
- If research is conducted at a **Regulated Research Institution**:
  - ISEF Form 3- Risk Assessment
  - ISEF Form 6B- Human and Vertebrate Tissue Form
  - ISEF Form 6A completed by Qualified Scientist
  - ISEF Form 2 (Qualified Scientist)
  - ISEF Form 1C- Regulated Research Institution
  - Human or Animal Forms as necessary.

- If research is conducted at a **middle or high school with scientist training/supervision:**
  - ISEF Form 3- Risk Assessment
  - ISEF Form 6B- Human and Vertebrate Tissue Form
  - ISEF Form 6A- Completed by Qualified Scientists
  - ISEF Form 2: Qualified Scientist
  - Human or Animal Forms as necessary
  
- Research conducted at **home: NOT ALLOWED.**
  - NO potentially hazardous biological agents or tissues may be cultured at home. All such work must take place in the properly designated BSL Lab.