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| **Tissue Culture Endorsement**  **The Illinois Junior Academy of Science**  These rules will be strictly enforced for the State Science Exposition. No region  should send a project to the state exposition that does not meet these regulations.  Students and sponsors doing a microorganism project must complete this form. The signature of the student or students and the sponsor  indicates that the project was done within these rules and regulations. Failure to comply with these rules will mean the disqualification  of the project at the state level. This form must follow the Safety Sheet in the project paper.  1. This area of science may involve many dangers and hazards while experimenting. It is the sole responsibility of all teacher(s)/  sponsor(s) to teach students proper safety methods and sterile techniques.  2. The Illinois Junior Academy of Science prohibits the use of primary cell cultures taken from humans or other vertebrate animals in  any project because of the danger from unknown viruses or other disease-causing agents that may be present. Established tissue culture  cell lines that are characterized as requiring biosafety level 1 (BSL1) procedures and precautions may be obtained from reputable  suppliers and used in proper research settings. Cell lines requiring biosafety level 2 (BSL2) procedures and precautions for use must  have approval from IJAS prior to use OR be used in an established research facility.  3. Experiments using tissue culture cell lines must be conducted in a laboratory such as science classroom or research facility.  4. Projects involving tissue culture should be done with the help of a professional and should comply with the standards and principles  for biological safety.  5. Experiments using tissue culture, including the culture of insect cells, with viruses and/or recombinant DNA must also follow the  rules and regulations for these agents; one endorsement sheet detailing use of these agents together is acceptable.  6. All cultures should be destroyed by methods such as autoclaving or with a suitable NaOCl (bleach) solution before disposal.  Fill out all boxes in the chart below:   |  |  | | --- | --- | | Published name of  cells or tissue used |  | | Source from where the  cells or tissues were obtained |  | | Cell disposal method used |  | | Brief description of how cells were used |  | | Safety precautions taken |  | | | |
| The **signatures** of the student or students and sponsor below indicate that the project conforms to the above rules of the  Illinois Junior Academy of Science. | | |
|  |  |  |
| (Sponsor)\* |  | (Student) |
|  |  |  |
| (Date) |  | (Student) |
| \*As a sponsor, I assume all responsibilities related to this project. | | |

This form **must** be displayed on the front of the exhibitor’s display board. It may be reduced to half a sheet of paper 8.5 inches

(vertical) X 5.5 inches (horizontal).

 **Check box if exception/approval letter from an institution where research was done, or the IJAS SRC is required and attached.**