



REQUEST FOR MICROORGANISM ENDORSEMENT

THESE RULES WILL BE STRICTLY ENFORCED FOR THE CITY AND STATE SCIENCE EXPOSITIONS. NO AREA OR REGION SHOULD SEND A PROJECT TO THE CITY OR STATE EXPOSITION THAT DOES NOT MEET THESE REGULATIONS

1. This area of science may involve many dangers and hazards while experimenting. It is the sole responsibility of all teacher/sponsors to teach students proper safety methods and sterile techniques before the student may begin any project involving microorganisms.
2. The use of primary or secondary cultures taken from humans or other vertebrate animals in any project is prohibited because of the danger from unknown viruses or other disease-causing agents that may be present. This includes but is not limited to, those taken directly from the skin, throat, mouth, etc. or indirectly – eating utensils, doorknobs, toilets, countertops, etc. Pure cultures of microorganisms known to inhabit vertebrate animals may be obtained from reputable suppliers and used in proper settings.
3. Microbiology experiments must be conducted in an appropriate laboratory, whether at school or a research facility. Only research on yeast and bread mold may be done in a student’s home and these cultures must be incubated at or below room temperature.
4. Projects involving viruses should be done with the help of a professional and should comply with the National Institutes of Health Guidelines unless the project is limited to a kit obtained from a legitimate supply house.
5. All cultures must be destroyed by methods such as autoclaving or with a suitable NaOCl (bleach) solution before disposal.

Before beginning any project using microorganisms as the subject of an experiment, students must obtain the approval of the Scientific Review Committee and in some cases, from IJAS. Microorganisms listed on page 67 are pre-approved and do not require a request for endorsement. Details about rules regarding the use of microorganisms and Biosafety level 1 are on pages 11 - 12 of the 2010 Science Fair Handbook.

SPECIAL NOTE: Students in grades 9-12 wishing to participate at the International Science and Engineering Fair should consult page 36 of this handbook for required forms. ISEF rules and forms are available at http://www.societyforscience.org/isef/about/rules_regulations.asp

Name of Student: _____ E-mail: _____

Home Address: _____ Chicago, IL Zip Code: _____ Phone: _____

Print Name of Teacher-Sponsor: _____ email: _____

School: _____ GSR# _____ Date of Request: _____

Is the proposed project being conducted with a scientist at a university, hospital or research facility? YES NO

If yes, the consulting scientist must complete the section below and provide on institute stationery, a description of the experimental procedures and his/her supervision.

TO BE COMPLETED BY THE CONSULTING SCIENTIST

Name of doctor or biological research scientist consulting on this project, including title: _____

Profession: _____ Position/Institution: _____

Phone: () _____ Email: _____

1. Please provide a letter on institute stationery, describing the experimental procedures and your supervision.

2. Please check one:

- This project was reviewed and approved by an institutional biosafety committee (IBC) before experimentation or is part of an approved ongoing study. A copy of the approval is on file and will be made available if necessary.
- This institution does not require approval for this type of study. The student has received proper training in the safe use and disposal of the potentially hazardous biological agents involved in this project.

I will directly supervise this student and take precautions to prevent contact with potentially infectious materials involved in this project.

Signature of Consulting scientist: _____ Date: _____

Please attach any comments or questions on an additional sheet of paper.

TWO copies of this completed form must be received by Mr. Jassen Lanfair, Lane Technical HS, GSR #31 by NOVEMBER 18th, 2009



PAGE 2 of REQUEST FOR MICROORGANISM ENDORSEMENT

Students and sponsors using microorganisms in a science project must complete this form. The signature of the student(s) and the sponsor indicate the project was done within the rules on the previous page. Failure to comply with these rules will mean disqualification of the project at the state level. This form must follow the Safety Sheet in the project research paper.

Read and answer each of the following questions carefully so the Scientific Review Committee can fairly assess whether your project will be safe. Do NOT copy and attach the procedure from your research plan as a substitute.

Title of Project: _____

Supplier of microorganism: _____

Where will the work involving the microorganism be done? _____

Person in charge of monitoring the microorganism: _____

Describe the method of disposal of all cultured materials:

Describe the procedures that will be used to minimize risk (gloves, safety goggles, lab coat, fume hood, etc)

Supervising adult : _____

Which best describes your experience with microbiology?

- I have no training in microbiology
- I have general training in microbiology and aseptic technique
- I am trained to handle microbes such as Salmonella choleraesuis, Streptococcus pneumonia, etc.

The signatures of the student or students and sponsor below indicate that the project conforms to the above rules of CPS Student Science Fair and of the Illinois Junior Academy of Science.

_____ (Sponsor) _____ (Student)

_____ (Date) _____ (Student)

FOR SRC USE ONLY	The signature and CPSSSF stamp below in colored ink indicate this project has been approved as safe.	
	Scientific Review Committee Member	Date of approval

THIS SHEET MUST BE TYPED

THIS FORM MUST BE DISPLAYED ON THE FRONT OF THE EXHIBITOR'S DISPLAY BOARD. IT MAY BE REDUCED TO A HALF SHEET OF PAPER