



REQUEST FOR RECOMBINANT DNA ENDORSEMENT

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

1. All research involving recombinant DNA techniques must meet the requirements of the National Institute of Health Guidelines for Research Involving Recombinant DNA Molecules.
2. All studies must be conducted in a registered research laboratory under the guidance of a biomedical scientist approved to conduct such studies by an appropriately constituted and registered bio-safety committee.
3. The research project being investigated must have the approval of a biomedical scientist or the laboratory's IBC where necessary
4. Propagation of recombinants containing DNA coding for oncogenes or other human, plant or animal toxins (including viruses) are prohibited.

Before beginning any project that involves cutting and splicing segments of DNA that would not normally occur together, students must obtain the approval of the Scientific Review Committee and in some cases, from IJAS. Details about rules regarding the use of recombinant DNA and Biosafety level 1 are on pages 13 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

Does this project involve the cutting and splicing of DNA segments that would not normally occur together? YES NO

If YES, you need an endorsement in order to participate in the CPS Science Fair.

If NO, your project does not involve recombinant DNA. You don't need an endorsement before beginning your experiment.

Name of Student: _____ E-mail: _____

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

Print Name of Teacher-Sponsor: _____ email: _____

School: _____ GSR# _____ Date of Request: _____

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 IBC 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's research project and I will take responsibility for the monitoring of the rDNA and organisms involved.

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 Mrs. Nancy Toomey, Kellogg Elementary, GSR #49 by NOVEMBER 18th, 2009 (NO FAXES PLEASE)



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Students and sponsors using recombinant DNA 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 city level. This form must follow the Safety Sheet in the project research paper

Title of Project: _____

Identify the potentially hazardous biological agents to be used in this experiment (rDNA, bacteria, viruses, etc. and their sources).

Where will the work involving recombinant DNA be done?

Describe briefly the procedure(s) you will use.

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).

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.

| | |
|------------------|------------------|
| _____ | _____ |
| <i>(Sponsor)</i> | <i>(Student)</i> |
| _____ | _____ |
| <i>(Date)</i> | <i>(Student)</i> |

| | | |
|-------------------------|--|------------------|
| 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