

HAZARD ASSESSMENT

Proposal No. _____

for Experiments at the Structural Biology Center

(completed by SBC)

Appendix C-2a

QUESTIONNAIRE for VIRUSES and their components**Please provide a separate sheet for each sample.****Name of virus:** _____**Host:** _____**Material to be examined (i.e. whole virus, assembled particle, capsid, viral protein, etc.):**

Yes**NO**

Is the material infectious?

If no, how do you know?

 A. Process by which made Explain _____ B. Tested for infectivity Explain _____ C. Other Explain _____

Is there any viral DNA/RNA in the material?

If no, how do you know?

 A. Process by which made Explain _____ B. Tested for sequences Explain _____ C. Other Explain _____

Are there toxins in the preparation (i.e. do not include common reagents in salts and buffers)?

If the response is YES for any of the questions, additional information will be required to complete the review (complete information requested in Appendix C-2b Virus/Biohazard Information, below).

Name_____
Principle Investigator_____
Signature_____
Date

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Appendix C-2b

Proposal No. _____

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Virus/Biohazard Information

Please provide the following information with an emphasis on providing objective information to support an evaluation of the potential that the presence of the virus/biohazard at ANL could affect (directly or indirectly) human health, or the health of animals (feral, domestic, farm), or economically important crops.

Please Note: Only Virus/Biohazards meeting BSL-1 requirements will be accepted without further review. Some projects requiring BSL-2 facilities maybe allowed at the SBC facility with additional review. Projects requiring BSL-3 or BSL-4 facilities can not be conducted at the SBC facilities at this time.

Host

Host specificity

Effect of virus infection on host; pathology

Effect on host's ability as a disease vector

Relationship of host to health of humans and animals (domestic, farm)

Relationship of host to economically important crops

Information about attenuation of infectivity

Cite books, articles, chapters, etc. that summarize the above

Type of activities to be conducted at APS (e.g. grow crystals, mount crystals, mount pre-frozen crystals only, etc.)

Control measures used or required at your institution

Results of safety review at your institution (protection of humans, animals, and crops)

List permits required for the use or transport of the Virus/BioHazard