Medical Student Research Scholarship Application
Checklist Guideline for IRB/ILACUC approval

If your research involves human subjects or patient data, you will need to provide the Institutional Review Board (IRB) protocol approval/exemption number. For research involving animals, you will need to provide the Institutional Lab Animal Care and Use Committee (IACUC) approval/exemption number. Approval by the appropriate regulatory body for these issues is the responsibility of the student's mentor. Additional information is available through the Office of Environmental Health and Safety at http://ehs.osu.edu/ and The Office of Responsible Research Practices http://orrp.osu.edu/irb/

Exempt Info: http://orrp.osu.edu/irb/exempt/index.cfm
IRB Info: http://orrp.osu.edu/irb/forms/

Project IRB or IACUC requirements, this question is required for your application.

Check all that apply

- ☐ IRB Approved (my project already has IRB approval)
- ☐ IACUC Approved (my project already has IACUC approval)
- ☐ My project is IRB exempt (my project already has IRB exemption)
- ☐ My project is IACUC exempt (my project already has IACUC exemption)
- ☐ Applied or Applying for IRB or IACUC approval/exemption
- ☐ Other

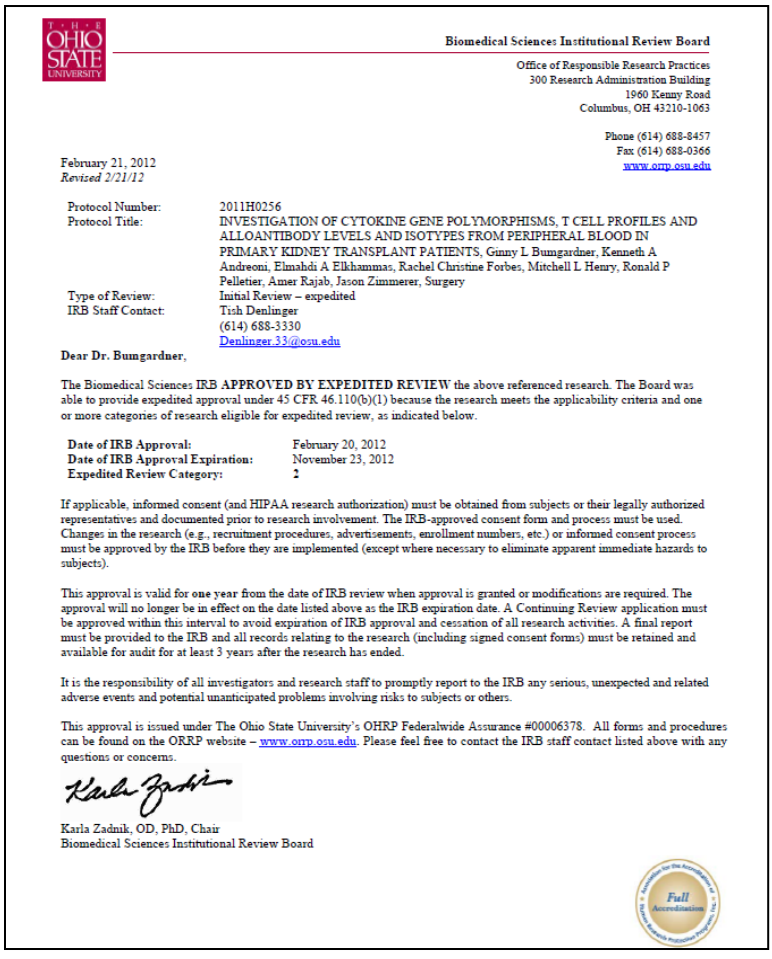
Please explain if other

*If your project does not have IRB/IACUC approval or exemption, you will need to any relevant compliance, bio-safety requirements, or other training you will have to obtain to work in your mentors lab. Please be sure your mentor also includes these details in the mentor's letter you submit with Phase 2.

IRB/IACUC approval or exemption number

Lastly you will need to provide the IRB/IACUC document, if your mentor has IRB/IACUC approval or exemption that has you listed as key personnel on the project.

Example of an IRB form.



THE OHIO STATE UNIVERSITY

Biomedical Sciences Institutional Review Board

Office of Responsible Research Practices
300 Research Administration Building
1960 Kenny Road
Columbus, OH 43210-1063

Phone (614) 688-8457
Fax (614) 688-0366
www.orrp.osu.edu

February 21, 2012
Revised 2/21/12

Protocol Number:	2011H0256
Protocol Title:	INVESTIGATION OF CYTOKINE GENE POLYMORPHISMS, T CELL PROFILES AND ALLOANTIBODY LEVELS AND ISOTYPES FROM PERIPHERAL BLOOD IN PRIMARY KIDNEY TRANSPLANT PATIENTS, Ginny L Bumgardner, Kenneth A Andreoni, Elmahdi A Elkhammas, Rachel Christine Forbes, Mitchell L Henry, Ronald P Pelletier, Amer Rajab, Jason Zimmerer, Surgery
Type of Review:	Initial Review – expedited
IRB Staff Contact:	Tish Denlinger (614) 688-3330 Denlinger.33@osu.edu

Dear Dr. Bumgardner,

The Biomedical Sciences IRB **APPROVED BY EXPEDITED REVIEW** the above referenced research. The Board was able to provide expedited approval under 45 CFR 46.110(b)(1) because the research meets the applicability criteria and one or more categories of research eligible for expedited review, as indicated below.

Date of IRB Approval:	February 20, 2012
Date of IRB Approval Expiration:	November 23, 2012
Expedited Review Category:	**2**

If applicable, informed consent (and HIPAA research authorization) must be obtained from subjects or their legally authorized representatives and documented prior to research involvement. The IRB-approved consent form and process must be used. Changes in the research (e.g., recruitment procedures, advertisements, enrollment numbers, etc.) or informed consent process must be approved by the IRB before they are implemented (except where necessary to eliminate apparent immediate hazards to subjects).

This approval is valid for **one year** from the date of IRB review when approval is granted or modifications are required. The approval will no longer be in effect on the date listed above as the IRB expiration date. A Continuing Review application must be approved within this interval to avoid expiration of IRB approval and cessation of all research activities. A final report must be provided to the IRB and all records relating to the research (including signed consent forms) must be retained and available for audit for at least 3 years after the research has ended.

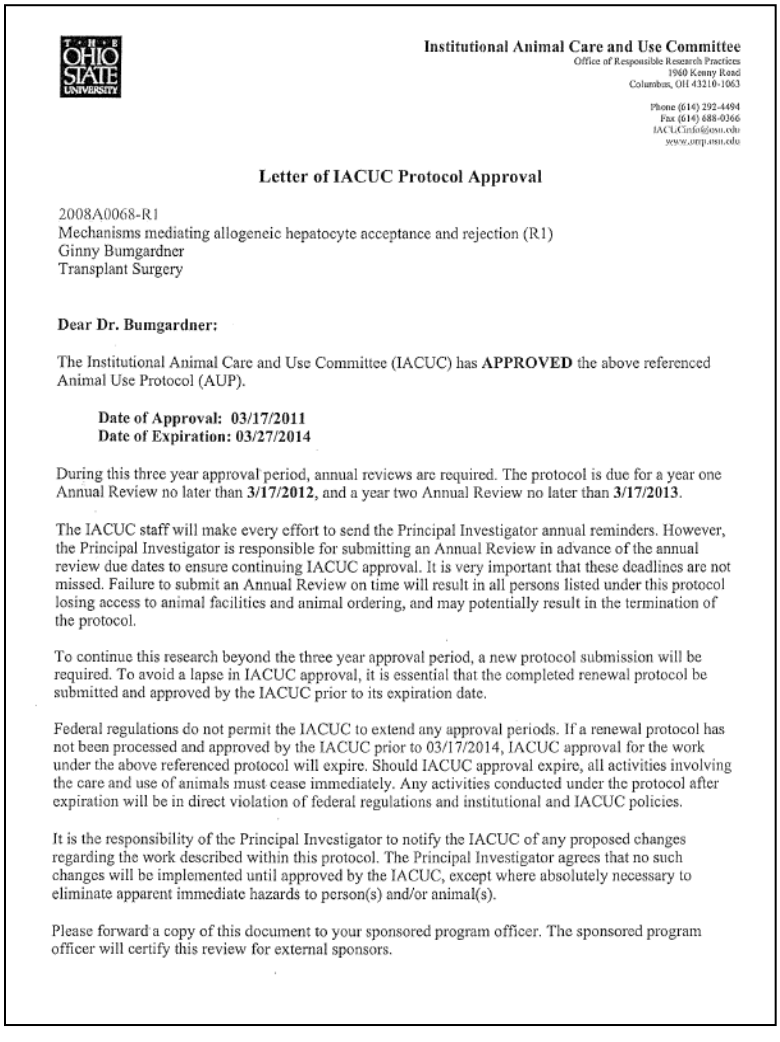
It is the responsibility of all investigators and research staff to promptly report to the IRB any serious, unexpected and related adverse events and potential unanticipated problems involving risks to subjects or others.

This approval is issued under The Ohio State University's OHRP Federalwide Assurance #00006378. All forms and procedures can be found on the ORRP website – www.orrp.osu.edu. Please feel free to contact the IRB staff contact listed above with any questions or concerns.

Karla Zadnik, OD, PhD, Chair
Biomedical Sciences Institutional Review Board

Full Accreditation

Example of an IACUC form.



THE OHIO STATE UNIVERSITY

Institutional Animal Care and Use Committee
Office of Responsible Research Practices
1960 Kenny Road
Columbus, OH 43210-1063

Phone (614) 292-4494
Fax (614) 688-0366
IACUCinfo@osu.edu
www.orrp.osu.edu

Letter of IACUC Protocol Approval

2008A0068-R1
Mechanisms mediating allogeneic hepatocyte acceptance and rejection (R1)
Ginny Bumgardner
Transplant Surgery

Dear Dr. Bumgardner:

The Institutional Animal Care and Use Committee (IACUC) has **APPROVED** the above referenced Animal Use Protocol (AUP).

Date of Approval: 03/17/2011
Date of Expiration: 03/27/2014

During this three year approval period, annual reviews are required. The protocol is due for a year one Annual Review no later than **3/17/2012**, and a year two Annual Review no later than **3/17/2013**.

The IACUC staff will make every effort to send the Principal Investigator annual reminders. However, the Principal Investigator is responsible for submitting an Annual Review in advance of the annual review due dates to ensure continuing IACUC approval. It is very important that these deadlines are not missed. Failure to submit an Annual Review on time will result in all persons listed under this protocol losing access to animal facilities and animal ordering, and may potentially result in the termination of the protocol.

To continue this research beyond the three year approval period, a new protocol submission will be required. To avoid a lapse in IACUC approval, it is essential that the completed renewal protocol be submitted and approved by the IACUC prior to its expiration date.

Federal regulations do not permit the IACUC to extend any approval periods. If a renewal protocol has not been processed and approved by the IACUC prior to 03/17/2014, IACUC approval for the work under the above referenced protocol will expire. Should IACUC approval expire, all activities involving the care and use of animals must cease immediately. Any activities conducted under the protocol after expiration will be in direct violation of federal regulations and institutional and IACUC policies.

It is the responsibility of the Principal Investigator to notify the IACUC of any proposed changes regarding the work described within this protocol. The Principal Investigator agrees that no such changes will be implemented until approved by the IACUC, except where absolutely necessary to eliminate apparent immediate hazards to person(s) and/or animal(s).

Please forward a copy of this document to your sponsored program officer. The sponsored program officer will certify this review for external sponsors.