

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]; [Courtney Holzberger](#)
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 45-Day Project Expiration Reminder
Date: Monday, September 3, 2018 5:17:35 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0231], IRBNet ID# [390291-7]
Title: Rodent Sentinel Animal Use in ACF
Principal Investigator: Courtney Holzberger, BS

Expiration Date: October 18, 2018

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate INSTRUCTIONS and use FORMS found in the IRBNet library. You can access all INSTRUCTIONS and FORMS in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

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For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 15-Day Project Expiration Reminder
Date: Tuesday, September 4, 2018 4:27:35 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0260], IRBNet ID# [639703-7]
Title: Achilles Tendon Repair with Mussel Inspired Bioadhesives
Principal Investigator: [REDACTED]

Expiration Date: September 19, 2018

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

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To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 30-Day Project Expiration Reminder
Date: Sunday, September 9, 2018 4:28:36 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0273], IRBNet ID# [941560-3]

Title: Wirelessly Actuated Fixation Plate to Deliver Fully Customized Mechanical Loading Profiles for Enhanced Osteogenesis and Vascularization in Bone Healing

Principal Investigator: [REDACTED]

Expiration Date: October 9, 2018

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

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To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 45-Day Project Expiration Reminder
Date: Sunday, September 9, 2018 5:19:26 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0243], IRBNet ID# [394822-6]
Title: Flow analysis in a canine aneurysm model
Principal Investigator: [REDACTED]

Expiration Date: October 24, 2018

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

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To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 30-Day Project Expiration Reminder
Date: Tuesday, September 11, 2018 4:28:19 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0250], IRBNet ID# [511099-20]

Title: The role of (pro)renin receptor in hypertension and associated heart dysfunction

Principal Investigator: [REDACTED]

Expiration Date: October 11, 2018

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

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From: [Office of Compliance, Integrity, and Safety](mailto:Office of Compliance, Integrity, and Safety on behalf of Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>) on behalf of Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>
To: [Courtney Holzberger](#); [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 30-Day Project Expiration Reminder
Date: Tuesday, September 18, 2018 4:27:52 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0231], IRBNet ID# [390291-7]
Title: Rodent Sentinel Animal Use in ACF
Principal Investigator: Courtney Holzberger, BS

Expiration Date: October 18, 2018

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To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 30-Day Project Expiration Reminder
Date: Monday, September 24, 2018 4:27:47 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0243], IRBNet ID# [394822-6]
Title: Flow analysis in a canine aneurysm model
Principal Investigator: [REDACTED]

Expiration Date: October 24, 2018

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

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To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 30-Day Project Expiration Reminder
Date: Tuesday, October 2, 2018 4:29:42 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0209], IRBNet ID# [393610-16]
Title: Neural mechanisms of sympathetic activation by high salt intake
Principal Investigator: [REDACTED]

Expiration Date: November 1, 2018

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

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From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [Courtney Holzberger](#); [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 15-Day Project Expiration Reminder
Date: Wednesday, October 3, 2018 4:28:48 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0231], IRBNet ID# [390291-7]
Title: Rodent Sentinel Animal Use in ACF
Principal Investigator: Courtney Holzberger, BS

Expiration Date: October 18, 2018

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From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 15-Day Project Expiration Reminder
Date: Tuesday, October 9, 2018 4:28:47 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0243], IRBNet ID# [394822-6]
Title: Flow analysis in a canine aneurysm model
Principal Investigator: [REDACTED]

Expiration Date: October 24, 2018

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

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To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 15-Day Project Expiration Reminder
Date: Monday, October 15, 2018 4:27:28 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0244], IRBNet ID# [394752-6]
Title: real-time ultrasonic monitoring of tumor ablation
Principal Investigator: [REDACTED]

Expiration Date: October 30, 2018

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

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To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 45-Day Project Expiration Reminder
Date: Monday, October 15, 2018 5:20:10 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0245], IRBNet ID# [400901-16]

Title: NEURAL MECHANISMS OF SYMPATHETIC ACTIVATION IN SALT-SENSITIVE HYPERTENSION

Principal Investigator: [REDACTED]

Expiration Date: November 29, 2018

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

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To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 45-Day Project Expiration Reminder
Date: Tuesday, October 23, 2018 5:18:49 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0270], IRBNet ID# [828996-6]

Title: Cutaneous Wound Healing by Manipulating Redox Chemistry of Biomimetic Adhesive

Principal Investigator: [REDACTED]

Expiration Date: December 7, 2018

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

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To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet Project Expiration Alert
Date: Wednesday, October 24, 2018 5:17:25 AM

IRBNet Project Expiration Alert

Internal Number: [L0243], IRBNet ID# [394822-6]
Title: Flow analysis in a canine aneurysm model
Principal Investigator: [REDACTED]

Expiration Date: October 24, 2018

Our office did not receive a request from you to renew this project for another year. According to regulations, you do not have approval from the Compliance, Integrity, and Safety Office to conduct further research for this study. All research activities for this study must be stopped now. In addition, you are required to notify our office regarding the disposition of any animals that remain in the Animal Care Facility.

Feel free to contact our office for assistance or questions you may have by contacting the IACUC at IACUC@mtu.edu or phone 487-2902.

Regards,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 30-Day Project Expiration Reminder
Date: Wednesday, November 7, 2018 4:28:25 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0270], IRBNet ID# [828996-6]

Title: Cutaneous Wound Healing by Manipulating Redox Chemistry of Biomimetic Adhesive

Principal Investigator: [REDACTED]

Expiration Date: December 7, 2018

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Thank you,
The Office Compliance, Integrity, and Safety

From: [REDACTED]
To: iacuc@mtu.edu
Subject: AHA AREA grant needs
Date: Tuesday, November 13, 2018 12:53:46 PM
Attachments: [Vertebrate animal subjects AHA AREA July 2018 final.pdf](#)

Dear Colleagues, the attached animal protocol was submitted to the American heart association for AREA grant, which was recently approved for funding. the animal protocol needs to be approved by MTU IACUC. please let me know it if there is any question you may have for the protocol. Thanks a lot! all the best, [REDACTED]

--

[REDACTED]

VERTEBRATE ANIMAL SUBJECTS:

DETAILED DESCRIPTION OF THE PROPOSED USE OF ANIMALS:

The use of the animal is to study the role of chemical modulators of mitochondrial dynamics (i.e. LPTCs) in the myocardial I/R injury in *in vitro*, *ex vivo* and *in vivo* models.

Experiments:

Investigation of the effect of potent LPTCs in adult cardiomyocytes subjected to simulated ischemia/reperfusion cellular model;

Detecting elongated mitochondria in adult cardiomyocytes using electron microscopy (TEM);

Investigation of effect of potent LPTCs on infarct size and area at risk in *ex vivo* and *in vivo* animal model;

Experimental protocol for adult murine ventricular cardiomyocyte isolation: we will use a model of simulated ischemia-reperfusion injury to determine the effect of **LPTCs** on mitochondrial fission/fusion events in the isolated murine ventricular cardiomyocytes. Adult murine ventricular cardiomyocytes will be isolated from adult C57BL/6 male mice by perfusion and digestion of ventricles with collagenase. Total number is **3~6 mice**.

Ex vivo model of cardiac ischemia-reperfusion: Male Wistar rats (250–300 g) will be heparinized (1000 U/kg IP) and then anesthetized with pentobarbital sodium and phenytoin sodium. Then, the hearts will be perfused via the aorta at pH 7.4 in a Langendorff coronary perfusion system at 37°C. The hearts then will be subjected to 30 minutes global, no-flow ischemia followed by 90 minutes of reperfusion. The test drugs will be given 10 min prior to ischemia or at the onset of reperfusion. Normoxic control hearts will be subjected to 120 minutes perfusion in the absence of ischemia. At the end of the reperfusion period, hearts will be sliced into 1-mm-thick transverse sections and incubated in triphenyltetrazolium chloride solution (TTC, 1% in phosphate buffer, pH 7.4) at 37 °C for 15 minutes then fixed in 10% formalin. Infarct size will be determined and expressed as a percentage of the risk zone (equivalent to total LV muscle mass). 6 animals per group (control and treated-group).

In vivo murine model of acute myocardial infraction: C57BL/6 male mice (8~12 weeks of age and weighing 25~30g) will be anesthetized by intraperitoneal injection with a combination of ketamine, xylazine and atropine (0.01 ml/g of a final solution of, final concentration of ketamine, xylazine and atropine are 10 mg/ml, 2mg/ml and 0.06 mg/ml respectively) and body temperature will be maintained at 37°C. The external jugular vein and carotid artery will be isolated and cannulated for drug administration and mean arterial blood pressure (MABP) measurement, respectively. A tracheotomy will be performed for artificial respiration at 120 strokes/min and 200 µl stroke volume using a rodent Minivent and supplemental oxygen will be supplied. A limb lead I electrocardiogram (ECG) will be used for recording. A left anterior thoracotomy and a chest retractor will be used to expose the heart. Ligation of the left anterior descending (LAD) coronary artery will be performed ~2 mm below the tip of the left atrium using a 8/0 prolene monofilament polypropylene suture. Successful LAD

coronary artery occlusion will be confirmed by the presence of ST-segment elevation and a reduction in arterial blood pressure. At the end of reperfusion, the heart will be isolated and the aortic root will be cannulated and used to inject TTC (5ml of 1%) in order to demarcate the infarcted tissue. The LAD coronary artery then will be religated and Evans blue dye (2ml of 0.5%) will be perfused to delineate the area at risk. The heart will be frozen and sectioned perpendicularly to the long axis (1-2mm thick). The slices then will be transferred to 10% neutral buffer formalin for 2h at room temperature to stabilize the staining. Area at risk and infarct size will be determined by computerized planimetry using the NIH software. Area at risk will be expressed as a percentage of the left ventricle and infarct size will be expressed as a percentage of the area at risk.

Detecting elongated mitochondria in adult cardiomyocytes using electron microscopy:

C57BL/6 male mice will be anesthetized by intraperitoneal injection with a combination of ketamine, xylazine and atropine (0.5~0.7 ml of solution containing: final concentration of ketamine, xylazine and atropine are 10mg/ml, 2mg/ml and 0.06 mg/ml respectively), and the hearts rapidly excised and perfused with a fixative containing fresh paraformaldehyde 1%, glutaraldehyde 1%, CaCl_2 0.5mM, glucose 0.031% in phosphate buffer 0.1M (pH 7.3), and left in fixative overnight before sampling. A 2mm transverse slice through the whole heart, 3mm from the apex, will be obtained from each heart. These heart slices then will be post-fixed in OsO_4 (1%) in phosphate buffer (0.1M) pH 7.3 at 3.0°C for 1.5h. they are then washed in phosphate buffer (0.1M) pH 7.4 and Enbloc stained with 0.5% uranyl acetate in distilled water at 3.0°C for 30 minutes. After rinsing with distilled water, the specimens will be dehydrated in a graded ethanol-water series and infiltrated with Agar-100 resin overnight. Semi-thin sections will be cut at 1 μm , and mounted on glass slides and stained with toluidine blue (1%) in distilled water for light microscopy. Ultra-thin sections then will be cut at 70-80nm using a diamond knife on a Reichert ultracut E microtome. Sections will be collected on 200 mesh copper grids, stained with uranyl acetate and lead citrate. The heart specimens then will be viewed and recorded with TEM. The assessment of mitochondrial morphology will be randomly selecting 4 random electron micrographs of longitudinally-arranged cardiomyocytes from each adult heart (N=4 hearts). The arrangement and morphology of the interfibrillar mitochondria are noted and the number of mitochondria whose length is greater than 2 μm (the length of a single sarcomere) is determined.

Investigation of effect of LPTCs on infarct size and area at risk: We will use an in vivo murine model of myocardial infarction to determine the effect of inducing mitochondrial fusion on the susceptibility of the heart to myocardial infarction. C57BL/6 male mice will be randomly assigned to one of three treatment groups: **(i) Vehicle control (N=6):** an intravenous bolus of DMSO (0.1 ml of 0.1%) will be given 30 minutes prior to the index myocardial ischemic episode, **(ii) LPTCs (N=6):** an intravenous bolus of **LPTCs** will be given 30 minutes prior to the index myocardial ischemic episode, and **(iii) mdivi-1 (N=6):** an intravenous bolus of mdivi-1 (~1.2 mg/kg) will be given 30 minutes prior to the index myocardial ischemic episode, The LPTCs concentrations will be estimated from the *ex-vivo* concentrations of 10 μM and 50 μM used in the isolated adult murine cardiomyocytes experiments. Hearts will be subjected to 30 min of ischemia followed by 120 min of reperfusion at the end of which infarct size will be determined by triphenyl-tetrazolium staining.

Justification if Animal Use and Numbers:

Experiment 1: Investigation of the effect of **LPTCs** in the adult cardiomyocytes: Adult murine ventricular cardiomyocytes will be isolated from adult C57BL/6 male mice by perfusion and digestion of ventricles with collagenase. Total number of animals will be **3~6 mice**.

Experiment 2: *Detecting elongated mitochondria in adult cardiomyocytes using electron microscopy:* 4 groups of 4 mice each for test of 4 different kinds of test compounds (Total number of animals will be **16 mice**).

Experiment 3: *Investigation of effect of **LPTCs** on infarct size and area at risk in ex vivo model:* we calculate a need for 6 animals each group for test of 4 different kinds of test compounds (Total number of animals will be **36 rats**).

Experiment 4: *Investigation of effect of **LPTCs** on infarct size and area at risk in in vivo model:* we calculate a need for 6 animals each group for test of top 2 LPTCs (Total number of animals will be **36 mice**).

VETERINARY CARE Animals are maintained in the animal care facility staffed with animal care professionals and veterinarians. Rats will be examined by veterinary staff to ensure their health prior to entering the proposed studies. Post-operative examinations will be given by veterinarian staff to ensure that antibiotic and analgesic treatments are effective. Animals deemed moribund by veterinary staff will be treated or humanely euthanized as directed.

PROCEDURES TO LIMIT DISCOMFORT AND DISTRESS: Animals will be given soft bedding while being housed. All surgical procedures will follow aseptic technique and will be performed with animals fully anesthetized with thiopental (Aim 3). Depth of anesthesia will be monitored by observing the lack of a righting reflex as well as the absence of corneal and palpebral reflexes.

METHODS OF EUTHANASIA: *In vivo* experiments: Animals will not be allowed to recover from anesthesia. When the experiment is complete, rats will receive an overdose of pentobarbital (125 mg/kg i.v.) via an indwelling femoral vein catheter. *In vitro* experiments: During the period after survival surgical procedures to microinject retrograde tracers, any animal deemed moribund by the veterinary staff will be euthanized by an overdose of pentobarbital (125 mg/kg i.p.). For the preparation of brain slices, rats will be fully anesthetized with the inhalant halothane and decapitated. All procedures for euthanasia are approved by our Institutional Animal Care and Use Committee and conform to policies and recommendations of the Panel on Euthanasia of the American Veterinary Medical Association.

From: [Courtney Holzberger](#) on behalf of [Courtney Holzberger <crholzbe@mtu.edu>](#)
To: [REDACTED]
Cc: iacuc@mtu.edu
Subject: Re: AHA AREA grant needs
Date: Tuesday, November 13, 2018 2:04:25 PM
Attachments: [Instructions New Project Application.pdf](#)
[FORM Animal Use Application Form 3.0 2015-07-01.pdf](#)
[Obtaining a Controlled Substance Research License and Registration.pdf](#)

[REDACTED]

You will need to submit this protocol through [IRBNet](#), our online software. It appears as though you already have an IRBNet account. If you are unable to remember your password, request a password reset (Forgot Your Password?).

I am attaching below:

The new project application form. You will need to fill this out (fill out *all* of the appropriate fields, including the surgery sections).

Instructions on submitting a new project.

Your protocol calls for several controlled substances. I do not have any controlled substance licenses on file for you. You will not be able to start this project until you have received your controlled substances licenses. This process can take anywhere from 6-12 months to complete.

I am attaching instructions for applying for a controlled substance license.

The protocol attached to your original email is incomplete for the purposes of IACUC approval. Please ensure that you fill out ALL appropriate fields in the Animal Use Application Form. This includes Appendix A, B, and I, along with everything else. When you reach the questions "Are any of the procedures described above considered painful/distressful procedures?" answer YES.

In the attached protocol, you list [REDACTED] as the lead at MTU. You should include her in the Application Form and be very specific about where she received her training to be able to do this type of work.

My direct line is [REDACTED] if you have questions.

Courtney

On Tue, Nov 13, 2018 at 12:53 PM, [REDACTED] > wrote:

Dear Colleagues, the attached animal protocol was submitted to the American heart association for AREA grant, which was recently approved for funding. the animal protocol needs to be approved by MTU IACUC. please let me know it if there is any question you may have for the protocol. Thanks a lot! all the best, [REDACTED]

--



--

Courtney R. Holzberger, '15, '18, RLATG
ACF Supervisor & IACUC Coordinator
Compliance, Integrity, and Safety
Environmental Health and Safety
Michigan Technological University
Office: [906-487-2878](tel:906-487-2878)
Cell: [906-369-0173](tel:906-369-0173)

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 45-Day Project Expiration Reminder
Date: Saturday, September 15, 2018 5:21:28 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0244], IRBNet ID# [394752-6]
Title: real-time ultrasonic monitoring of tumor ablation
Principal Investigator: [REDACTED]

Expiration Date: October 30, 2018

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate INSTRUCTIONS and use FORMS found in the IRBNet library. You can access all INSTRUCTIONS and FORMS in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

You are required to complete one of the following forms found in the IRBNet animal research library:

- FORM: Changes and Renewal Requests
- FORM: Animal Research Termination Request.

Renewal requests will be reviewed in the same manner as the original proposal and must be done on an annual basis. Failure to submit a request on time may result in suspension of your protocol and possibly suspension of your funding if applicable. If you do not respond and your project expires, it could jeopardize any funding related to this study including the possibility that you may have to return funding to the sponsor including funds already spent.

For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 45-Day Project Expiration Reminder
Date: Sunday, September 16, 2018 5:17:14 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0182], IRBNet ID# [380482-21]

Title: Vascular Materials

Principal Investigator: [REDACTED]

Expiration Date: October 31, 2018

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate INSTRUCTIONS and use FORMS found in the IRBNet library. You can access all INSTRUCTIONS and FORMS in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

You are required to complete one of the following forms found in the IRBNet animal research library:

FORM: Changes and Renewal Requests

FORM: Animal Research Termination Request.

Renewal requests will be reviewed in the same manner as the original proposal and must be done on an annual basis. Failure to submit a request on time may result in suspension of your protocol and possibly suspension of your funding if applicable. If you do not respond and your project expires, it could jeopardize any funding related to this study including the possibility that you may have to return funding to the sponsor including funds already spent.

For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 45-Day Project Expiration Reminder
Date: Monday, September 17, 2018 5:17:28 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0209], IRBNet ID# [393610-16]

Title: Neural mechanisms of sympathetic activation by high salt intake

Principal Investigator: [REDACTED].

Expiration Date: November 1, 2018

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate INSTRUCTIONS and use FORMS found in the IRBNet library. You can access all INSTRUCTIONS and FORMS in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

You are required to complete one of the following forms found in the IRBNet animal research library:

FORM: Changes and Renewal Requests

FORM: Animal Research Termination Request.

Renewal requests will be reviewed in the same manner as the original proposal and must be done on an annual basis. Failure to submit a request on time may result in suspension of your protocol and possibly suspension of your funding if applicable. If you do not respond and your project expires, it could jeopardize any funding related to this study including the possibility that you may have to return funding to the sponsor including funds already spent.

For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Courtney Holzberger](#) on behalf of [Courtney Holzberger <crholzbe@mtu.edu>](#)
To: [REDACTED] [IACUC@mtu.edu](#)
Subject: Re: AHA AREA grant needs
Date: Tuesday, November 20, 2018 8:57:55 AM

[REDACTED] -

Please do not delay in submitting this, from the brief description in the protocol you attached, it may take a little while to work through the approval process. Training/technique may also have to be verified by the veterinarian (via observation).

Let me know if you have any questions.

Courtney

On Tue, Nov 13, 2018 at 2:03 PM Courtney Holzberger <[crholzbe@mtu.edu](#)> wrote:

[REDACTED] -

You will need to submit this protocol through [IRBNet](#), our online software. It appears as though you already have an IRBNet account. If you are unable to remember your password, request a password reset (Forgot Your Password?).

I am attaching below:

The new project application form. You will need to fill this out (fill out *all* of the appropriate fields, including the surgery sections).

Instructions on submitting a new project.

Your protocol calls for several controlled substances. I do not have any controlled substance licenses on file for you. You will not be able to start this project until you have received your controlled substances licenses. This process can take anywhere from 6-12 months to complete.

I am attaching instructions for applying for a controlled substance license.

The protocol attached to your original email is incomplete for the purposes of IACUC approval. Please ensure that you fill out ALL appropriate fields in the Animal Use Application Form. This includes Appendix A, B, and I, along with everything else. When you reach the questions "Are any of the procedures described above considered painful/distressful procedures?" answer YES.

In the attached protocol, you list [REDACTED] as the lead at MTU. You should include her in the Application Form and be very specific about where she received her training to be able to do this type of work.

My direct line is [REDACTED] if you have questions.

Courtney

On Tue, Nov 13, 2018 at 12:53 PM, [REDACTED] wrote:

Dear Colleagues, the attached animal protocol was submitted to the American heart association for AREA grant, which was recently approved for funding. the animal protocol needs to be approved by MTU IACUC. please let me know it if there is any question you may have for the protocol. Thanks a lot! all the best, [REDACTED]

--

[REDACTED]

--

Courtney R. Holzberger, '15, '18, RLATG
ACF Supervisor & IACUC Coordinator
Compliance, Integrity, and Safety
Environmental Health and Safety
Michigan Technological University
[REDACTED]

--

Courtney R. Holzberger, '15, '18, RLATG
ACF Supervisor & IACUC Coordinator
Compliance, Integrity, and Safety
Environmental Health and Safety
Michigan Technological University
[REDACTED]

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 15-Day Project Expiration Reminder
Date: Thursday, November 22, 2018 4:26:56 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0270], IRBNet ID# [828996-6]

Title: Cutaneous Wound Healing by Manipulating Redox Chemistry of Biomimetic Adhesive

Principal Investigator: [REDACTED]

Expiration Date: December 7, 2018

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate INSTRUCTIONS and use FORMS found in the IRBNet library. You can access all INSTRUCTIONS and FORMS in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

You are required to complete one of the following forms found in the IRBNet animal research library:

FORM: Changes and Renewal Requests

FORM: Animal Research Termination Request.

Renewal requests will be reviewed in the same manner as the original proposal and must be done on an annual basis. Failure to submit a request on time may result in suspension of your protocol and possibly suspension of your funding if applicable. If you do not respond and your project expires, it could jeopardize any funding related to this study including the possibility that you may have to return funding to the sponsor including funds already spent.

For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 45-Day Project Expiration Reminder
Date: Sunday, November 25, 2018 5:18:15 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0241], IRBNet ID# [356395-14]
Title: Subcutaneous Implantation - Rat
Principal Investigator: [REDACTED]

Expiration Date: January 9, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate INSTRUCTIONS and use FORMS found in the IRBNet library. You can access all INSTRUCTIONS and FORMS in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

You are required to complete one of the following forms found in the IRBNet animal research library:

- FORM: Changes and Renewal Requests
- FORM: Animal Research Termination Request.

Renewal requests will be reviewed in the same manner as the original proposal and must be done on an annual basis. Failure to submit a request on time may result in suspension of your protocol and possibly suspension of your funding if applicable. If you do not respond and your project expires, it could jeopardize any funding related to this study including the possibility that you may have to return funding to the sponsor including funds already spent.

For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 45-Day Project Expiration Reminder
Date: Tuesday, December 4, 2018 5:19:51 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0254], IRBNet ID# [563737-5]
Title: ENG3200 Duck Demonstration
Principal Investigator: [REDACTED]

Expiration Date: January 18, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate INSTRUCTIONS and use FORMS found in the IRBNet library. You can access all INSTRUCTIONS and FORMS in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

You are required to complete one of the following forms found in the IRBNet animal research library:

- FORM: Changes and Renewal Requests
- FORM: Animal Research Termination Request.

Renewal requests will be reviewed in the same manner as the original proposal and must be done on an annual basis. Failure to submit a request on time may result in suspension of your protocol and possibly suspension of your funding if applicable. If you do not respond and your project expires, it could jeopardize any funding related to this study including the possibility that you may have to return funding to the sponsor including funds already spent.

For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 45-Day Project Expiration Reminder
Date: Tuesday, December 4, 2018 5:19:51 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0234 M0849E R094], IRBNet ID# [403593-8]
Title: Small Diameter Vessel Regeneration by Biomimetic Engineering
Principal Investigator: [REDACTED]

Expiration Date: January 18, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate INSTRUCTIONS and use FORMS found in the IRBNet library. You can access all INSTRUCTIONS and FORMS in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

You are required to complete one of the following forms found in the IRBNet animal research library:

- FORM: Changes and Renewal Requests
- FORM: Animal Research Termination Request.

Renewal requests will be reviewed in the same manner as the original proposal and must be done on an annual basis. Failure to submit a request on time may result in suspension of your protocol and possibly suspension of your funding if applicable. If you do not respond and your project expires, it could jeopardize any funding related to this study including the possibility that you may have to return funding to the sponsor including funds already spent.

For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet Project Expiration Alert
Date: Friday, December 7, 2018 5:20:59 AM

IRBNet Project Expiration Alert

Internal Number: [L0270], IRBNet ID# [828996-6]

Title: Cutaneous Wound Healing by Manipulating Redox Chemistry of Biomimetic Adhesive

Principal Investigator: [REDACTED]

Expiration Date: December 7, 2018

Our office did not receive a request from you to renew this project for another year. According to regulations, you do not have approval from the Compliance, Integrity, and Safety Office to conduct further research for this study. All research activities for this study must be stopped now. In addition, you are required to notify our office regarding the disposition of any animals that remain in the Animal Care Facility.

Feel free to contact our office for assistance or questions you may have by contacting the IACUC at IACUC@mtu.edu or phone 487-2902.

Regards,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 30-Day Project Expiration Reminder
Date: Monday, December 10, 2018 4:28:49 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0241], IRBNet ID# [356395-14]
Title: Subcutaneous Implantation - Rat
Principal Investigator: [REDACTED]

Expiration Date: January 9, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate INSTRUCTIONS and use FORMS found in the IRBNet library. You can access all INSTRUCTIONS and FORMS in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

You are required to complete one of the following forms found in the IRBNet animal research library:

- FORM: Changes and Renewal Requests
- FORM: Animal Research Termination Request.

Renewal requests will be reviewed in the same manner as the original proposal and must be done on an annual basis. Failure to submit a request on time may result in suspension of your protocol and possibly suspension of your funding if applicable. If you do not respond and your project expires, it could jeopardize any funding related to this study including the possibility that you may have to return funding to the sponsor including funds already spent.

For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 30-Day Project Expiration Reminder
Date: Wednesday, December 19, 2018 4:29:35 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0254], IRBNet ID# [563737-5]
Title: ENG3200 Duck Demonstration
Principal Investigator: [REDACTED]

Expiration Date: January 18, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate INSTRUCTIONS and use FORMS found in the IRBNet library. You can access all INSTRUCTIONS and FORMS in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

You are required to complete one of the following forms found in the IRBNet animal research library:

- FORM: Changes and Renewal Requests
- FORM: Animal Research Termination Request.

Renewal requests will be reviewed in the same manner as the original proposal and must be done on an annual basis. Failure to submit a request on time may result in suspension of your protocol and possibly suspension of your funding if applicable. If you do not respond and your project expires, it could jeopardize any funding related to this study including the possibility that you may have to return funding to the sponsor including funds already spent.

For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [REDACTED]
To: IACUC@mtu.edu
Subject: IRB Renwal
Date: Thursday, December 20, 2018 8:02:09 AM
Attachments: [FORM Changes or Renewal v3.2.1-5 revised 5-15-15.pdf](#)

Hi,

I do not know how to add a document to Duck Demo (563737-5). Attached is the pdf file I updated yesterday but have no clue how to get it into IRB.net.

Thanks,

[REDACTED]

--

[REDACTED]

Modification / Renewal Form for Approved Animal Protocol

Reset Form

This form is being submitted for an approved animal protocol:

☐ Modification of an approved Protocol

Annual Continuation / Renewal
☒ Request (with or without changes)

Does this renewal request include a modification to the project - either personnel or procedural? ☐ Yes ☒ No

General Information

[Click here for a list of Resources](#)

Protocol Title and number (if available):

Duck Demonstration (563737-5)

Principal Investigator:

[REDACTED]
First Name

[REDACTED]
Last Name

Engineering Fundamentals

Department

[REDACTED]
E-mail

[REDACTED]
Work Phone

none
Cell Phone

Office Location

[REDACTED]
Building

[REDACTED]
Room Number

Alternate Contact:

[REDACTED]
First Name

[REDACTED]
Last Name

Engineering Fundamentals

Department

[REDACTED]
E-mail

[REDACTED]
Work Phone

None
Cell Phone

Office Location

[REDACTED]
Building

[REDACTED]
Room Number

Project Summary

1. Provide a brief progress report on research to date. (field will expand)

Bring a duck to ENG3200 to show how it can be modelled as a heat exchanger

2. How many animals were used in the last year?

1

3. Are any of the procedures described in the original protocol or in the changes being made to this protocol considered painful or distressful procedures?

☐ Yes

☒ No

[What is a painful procedure?](#)

Investigator Assurances

Please check the box to indicate your acceptance of responsibility for this protocol.



By checking this box the PI certifies that he/she is in compliance with all assurances and certifications as listed on the original form

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 15-Day Project Expiration Reminder
Date: Tuesday, December 25, 2018 4:27:56 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0241], IRBNet ID# [356395-14]
Title: Subcutaneous Implantation - Rat
Principal Investigator: [REDACTED]

Expiration Date: January 9, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate INSTRUCTIONS and use FORMS found in the IRBNet library. You can access all INSTRUCTIONS and FORMS in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

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For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 45-Day Project Expiration Reminder
Date: Monday, January 7, 2019 4:56:35 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0247], IRBNet ID# [435344-7]

Title: Harvesting chondrons from bovine knee joints and purchasing human chondrocytes

Principal Investigator: [REDACTED]

Expiration Date: February 21, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate INSTRUCTIONS and use FORMS found in the IRBNet library. You can access all INSTRUCTIONS and FORMS in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

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For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 45-Day Project Expiration Reminder
Date: Monday, January 14, 2019 4:59:16 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0219], IRBNet ID# [319402-11]

Title: Role of micro-30d in insulin gene expression in pancreatic beta cells

Principal Investigator: [REDACTED]

Expiration Date: February 28, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate INSTRUCTIONS and use FORMS found in the IRBNet library. You can access all INSTRUCTIONS and FORMS in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

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For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Joanne Polzien](#) on behalf of [Joanne Polzien <iacuc@mtu.edu>](#)
To: [REDACTED]
Bcc: [iacuc@mtu.edu](#)
Subject: 2018 Annual Report to OLAW D16-00742
Date: Wednesday, January 16, 2019 4:57:55 PM
Attachments: [2018 OLAW Annual Report.pdf](#)

Please find attached the annual report for Michigan Technological University.

If you have any questions, please feel free to contact me.

Annual Report to OLAW

Institution: Michigan Technological University
Assurance Number: D16-00742
Reporting Period: January 1, 2018 through December 31, 2018

This institution's Institutional Animal Care and Use Committee (IACUC), through the Institutional Official, provides this annual report to the Office of Laboratory Animal Welfare (OLAW).

I. Program Changes *[Select A or B]*

- ☐ A. There have been **no changes** in this institution's program for animal care and use as described in the Assurance. *[Skip to Item II.]*
- ☒ B. Change(s) in this institution's program for animal care and use as described in the Assurance have occurred during this reporting period. ([FAQ 6](#))

Select all that apply:

- ☐ This institution's AAALAC accreditation status has changed ([PHS Policy IV.A.2.](#)).
- ☐ [AAALAC Accredited](#) – Category 1
- ☐ Non-Accredited – Category 2
- ☐ This institution's program for animal care and use has changed ([PHS Policy IV.A.1.a-i.](#)). *[Attach a full description of the changes.]*
- ☐ The individual designated by this institution as the Institutional Official has changed. *[Provide name, title(s), address, e-mail, phone, and fax numbers in Item V.]*
- ☒ The membership of this institution's IACUC has changed. *[Provide current roster of members in Item VI.]*

II. Semiannual Evaluations

This IACUC has conducted semiannual evaluations of the institution's program and inspections of the institution's facilities (including satellite facilities) on the dates below. Reports of the evaluations and inspections have been submitted to the Institutional Official. The reports include any IACUC-approved departures from the *Guide* with a reason for each departure, any deficiencies (significant or minor) that were identified, and a plan and schedule for correction of each deficiency. *[Do not provide semiannual reports unless they include a minority view.]*

A. Program Evaluations

[Two dates (month/day/year) must be provided to satisfy the PHS Policy requirement that evaluations be done at 6 month intervals. If the IACUC conducted more than 2 evaluations of the program during the reporting period, please attach a list showing the dates.]

Date 1: 4/11/2018	Date 2: 10/10/2018
-------------------	--------------------

B. Facility Inspections

[Two dates (month/day/year) must be provided to satisfy the PHS Policy requirement that facility inspections be done at 6 month intervals. If the IACUC conducted more than 2 inspections of each site during the reporting period, please attach a list showing the dates.]

Date 1: 4/11/2018

Date 2: 10/10/2018

III. Minority Views [Select A or B]

- [x] A. There were **no minority** views during this reporting cycle.
- [] B. Any minority views submitted by members of the IACUC regarding reports filed under [PHS Policy IV.F.](#) for this reporting cycle are attached.

IV. Signatures

IACUC Chairperson	Institutional Official
Name: Courtney Holzberger	Name: Joanne Polzien
Signature: 	Signature: 
Date: 1-16-2019	Date: 1-16-19

V. Change in Institutional Official

Name:	
Title:	Degree/Credential:
Name of Institution:	
Address: [street, city, state, zip code]	
E-mail:	
Phone:	Fax:

VI. Change in IACUC Membership [*Current roster*]

Institution: Michigan Technological University			
IACUC Contact Information			
Address: [<i>street, city, state, zip code</i>] 1400 Townsend Drive Houghton, MI 49931			
E-mail: iacuc@mtu.edu			
Phone: [REDACTED]		Fax: [REDACTED]	
IACUC Chairperson			
Name: Courtney Holzberger			
Title: Supervisor, Animal Care Facility		Degree/Credentials: BS, MBA	
PHS Policy Membership Requirements***: Member			
IACUC Roster [<i>Provide below or attach</i>]			
Name of Member/ Code*	Degree/ Credential	Position Title/ Occupational Background**	PHS Policy Membership Requirements***
[REDACTED]	Ph.D.	Biosafety Officer	Scientist
[REDACTED]	MS	Chemical Hygiene Officer	Scientist
Rebecca Vollrath	DVM	Veterinarian	Veterinarian
[REDACTED]	BS	Lecturer	Member
[REDACTED]	MBA	Marketing & Communications Director	Non scientist
M Romanski	n/a	Chief of Natural Resources, NPS	Nonaffiliated
C Holzberger	BS/MBA	Supervisor/Chair	Member

* Names of members, other than the chairperson and veterinarian, may be represented by a number or symbol in this report to OLAW. Sufficient information to determine that all appointees are appropriately qualified must be provided and the identity of each member must be readily ascertainable by the institution and available to authorized OLAW or other PHS representatives upon request.

** List specific position titles for all members, including nonaffiliated (e.g., banker, teacher, volunteer fireman; not "community member" or "retired").

*** [PHS Policy](#) Membership Requirements:

<i>Veterinarian</i>	veterinarian with training or experience in laboratory animal science and medicine or in the use of the species at the institution, who has direct or delegated program authority and responsibility for activities involving animals at the institution.
<i>Scientist</i>	practicing scientist experienced in research involving animals.
<i>Nonscientist</i>	member whose primary concerns are in a nonscientific area (for example, ethicist, lawyer, member of the clergy).
<i>Nonaffiliated</i>	individual who is not affiliated with the institution in any way other than as a member of the IACUC, and is not a member of the immediate family of a person who is affiliated with the institution. This member is expected to represent general community interests in the proper care and use of animals and should not be a laboratory animal user. A consulting veterinarian may not be considered nonaffiliated.

[Note: all members must be appointed by the CEO (or individual with specific written delegation to appoint members) and must be voting members. Non-voting members and alternate members must be so identified.]

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 45-Day Project Expiration Reminder
Date: Sunday, January 20, 2019 5:02:28 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0218], IRBNet ID# [311932-8]
Title: Monitoring Isle Royale Wolves with VHF Radio Collars
Principal Investigator: [REDACTED]

Expiration Date: March 6, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate INSTRUCTIONS and use FORMS found in the IRBNet library. You can access all INSTRUCTIONS and FORMS in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

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For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [REDACTED]
To: [Office of Compliance, Integrity, and Safety](#)
Cc: [REDACTED]
Subject: Re: IRBNet 45-Day Project Expiration Reminder
Date: Monday, January 21, 2019 10:04:16 AM

Office of Compliance, Integrity, and Safety,

We intend to renew this protocol.

Thank you,
[REDACTED]

On Sun, Jan 20, 2019 at 5:02 AM Office of Compliance, Integrity, and Safety <no-reply@irbnet.org> wrote:

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0218], IRBNet ID# [311932-8]
Title: Monitoring Isle Royale Wolves with VHF Radio Collars
Principal Investigator: [REDACTED]

Expiration Date: March 6, 2019

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For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 30-Day Project Expiration Reminder
Date: Tuesday, January 22, 2019 4:29:20 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0247], IRBNet ID# [435344-7]

Title: Harvesting chondrons from bovine knee joints and purchasing human chondrocytes

Principal Investigator: [REDACTED]

Expiration Date: February 21, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

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Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 30-Day Project Expiration Reminder
Date: Tuesday, January 29, 2019 4:29:30 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0219], IRBNet ID# [319402-11]

Title: Role of micro-30d in insulin gene expression in pancreatic beta cells

Principal Investigator: [REDACTED]

Expiration Date: February 28, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

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For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 45-Day Project Expiration Reminder
Date: Sunday, February 3, 2019 5:00:24 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0264], IRBNet ID# [716655-12]

Title: Evaluation of Broadly Protective Next-generation Human Papillomavirus (HPV) Vaccines

Principal Investigator: [REDACTED]

Expiration Date: March 20, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate INSTRUCTIONS and use FORMS found in the IRBNet library. You can access all INSTRUCTIONS and FORMS in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

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For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 45-Day Project Expiration Reminder
Date: Monday, February 4, 2019 4:59:53 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0227], IRBNet ID# [366864-17]

Title: Neural mechanisms of sympathetic activation and hypertension by alcohol intake

Principal Investigator: [REDACTED]

Expiration Date: March 21, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

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For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 15-Day Project Expiration Reminder
Date: Wednesday, February 6, 2019 4:29:21 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0247], IRBNet ID# [435344-7]

Title: Harvesting chondrons from bovine knee joints and purchasing human chondrocytes

Principal Investigator [REDACTED]

Expiration Date: February 21, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

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For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 45-Day Project Expiration Reminder
Date: Sunday, February 10, 2019 4:34:20 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0255], IRBNet ID# [581244-7]

Title: Subcutaneous Implantation of Nitric-Oxide-Releasing Biomaterial in Rat

Principal Investigator: [REDACTED]

Expiration Date: March 27, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate INSTRUCTIONS and use FORMS found in the IRBNet library. You can access all INSTRUCTIONS and FORMS in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

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For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [REDACTED]
To: [iacuc](#)
Subject: A question
Date: Monday, February 11, 2019 1:41:19 PM

Hello All,

My lab synthesized a compound, and I am thinking to test if it is toxic or not using several rats or other small animals.

Could tell me how to get started?

We do not have any experience on using animals for experiments, but in the literature, the experiments look quite simple.

I know that if we cannot find a collaborator, my student will need to go through an animal care training.

Thanks,

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

From: [REDACTED]
To: [REDACTED]
Cc: [iacuc](#)
Subject: Re: A question
Date: Monday, February 11, 2019 4:53:42 PM

[REDACTED],

Here is another reference for toxicity testing using computers. <https://www.epa.gov/chemical-research/toxicity-estimation-software-tool-test#methodologies>

As another alternative to animal testing, toxicity testing based on bacterial systems. for example <http://www.ebpi-kits.com/ebpi-line-of-biototoxicity-tests/acute-toxicity-tests/toxi-chromotest-kit-toxicity-test.html>.

If you decide you want to do tests using mammalian cell cultures, [REDACTED] in the physics department may be able to provide assistance. His laboratory has done toxicity testing of nanomaterials in cell culture.

Best wishes,

[REDACTED]

On Mon, Feb 11, 2019 at 3:39 PM [REDACTED] > wrote:

Hello, [REDACTED],

Thanks for the reminder. I will definitely need to find a collaborator to do this.

In one paper, I saw that the authors directly went to studies on rats for similar purposes. But I will see what is the appropriate way to study by talking with a collaborator.

Thanks,

[REDACTED]

On Mon, Feb 11, 2019 at 3:26 PM [REDACTED] > wrote:

[REDACTED],

Before testing for toxicity in living mammals you should consider alternate testing methods such as cell or tissue cultures

[REDACTED]

[REDACTED]

On Mon, Feb 11, 2019 at 1:41 PM [REDACTED] > wrote:

Hello All,

My lab synthesized a compound, and I am thinking to test if it is toxic or not using several rats or other small animals.

Could tell me how to get started?

We do not have any experience on using animals for experiments, but in the literature, the experiments look quite simple.

I know that if we cannot find a collaborator, my student will need to go through an animal care training.

Thanks,

[REDACTED]

--

[REDACTED]

[REDACTED]

[REDACTED]

--

[REDACTED]

[REDACTED]

[REDACTED]

From: [REDACTED]
To: [REDACTED]
Cc: [iacuc](#)
Subject: Re: A question
Date: Monday, February 11, 2019 3:39:22 PM

Hello, [REDACTED],

Thanks for the reminder. I will definitely need to find a collaborator to do this.

In one paper, I saw that the authors directly went to studies on rats for similar purposes. But I will see what is the appropriate way to study by talking with a collaborator.

Thanks,
[REDACTED]

On Mon, Feb 11, 2019 at 3:26 PM [REDACTED] wrote:

[REDACTED],

Before testing for toxicity in living mammals you should consider alternate testing methods such as cell or tissue cultures

[REDACTED]

[REDACTED]

On Mon, Feb 11, 2019 at 1:41 PM [REDACTED] wrote:

Hello All,

My lab synthesized a compound, and I am thinking to test if it is toxic or not using several rats or other small animals.

Could tell me how to get started?

We do not have any experience on using animals for experiments, but in the literature, the experiments look quite simple.

I know that if we cannot find a collaborator, my student will need to go through an animal care training.

Thanks,
[REDACTED]

--
[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

From: [REDACTED]
To: [REDACTED]
Cc: [iacuc](#)
Subject: Re: A question
Date: Monday, February 11, 2019 3:26:14 PM

[REDACTED]

Before testing for toxicity in living mammals you should consider alternate testing methods such as cell or tissue cultures

[REDACTED]

[REDACTED]

On Mon, Feb 11, 2019 at 1:41 PM [REDACTED] wrote:

Hello All,

My lab synthesized a compound, and I am thinking to test if it is toxic or not using several rats or other small animals.

Could tell me how to get started?

We do not have any experience on using animals for experiments, but in the literature, the experiments look quite simple.

I know that if we cannot find a collaborator, my student will need to go through an animal care training.

Thanks,

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]



From: [REDACTED]
To: [REDACTED]
Cc: [iacuc](#)
Subject: Re: A question
Date: Monday, February 11, 2019 5:26:13 PM

Hi, [REDACTED],

Thanks a lot for the information. I will carefully study them.

Thanks,
[REDACTED]

On Mon, Feb 11, 2019 at 4:53 PM [REDACTED] wrote:

[REDACTED],

Here is another reference for toxicity testing using computers. <https://www.epa.gov/chemical-research/toxicity-estimation-software-tool-test#methodologies>

As another alternative to animal testing, toxicity testing based on bacterial systems. for example <http://www.ebpi-kits.com/ebpi-line-of-biototoxicity-tests/acute-toxicity-tests/toxi-chromotest-kit-toxicity-test.html>.

If you decide you want to do tests using mammalian cell cultures, [REDACTED] in the physics department may be able to provide assistance. His laboratory has done toxicity testing of nanomaterials in cell culture.

Best wishes,

[REDACTED]

On Mon, Feb 11, 2019 at 3:39 PM [REDACTED] > wrote:

Hello, [REDACTED],

Thanks for the reminder. I will definitely need to find a collaborator to do this.

In one paper, I saw that the authors directly went to studies on rats for similar purposes. But I will see what is the appropriate way to study by talking with a collaborator.

Thanks,
[REDACTED]

On Mon, Feb 11, 2019 at 3:26 PM [REDACTED] wrote:

[REDACTED],

Before testing for toxicity in living mammals you should consider alternate testing methods such as cell or tissue cultures

[REDACTED]

[REDACTED]

On Mon, Feb 11, 2019 at 1:41 PM [REDACTED] > wrote:

Hello All,

My lab synthesized a compound, and I am thinking to test if it is toxic or not using several rats or other small animals.

Could tell me how to get started?

We do not have any experience on using animals for experiments, but in the literature, the experiments look quite simple.

I know that if we cannot find a collaborator, my student will need to go through an animal care training.

Thanks,

[REDACTED]

--

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

--

[REDACTED]

[REDACTED]

[REDACTED]

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 30-Day Project Expiration Reminder
Date: Monday, February 18, 2019 4:27:27 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0264], IRBNet ID# [716655-12]

Title: Evaluation of Broadly Protective Next-generation Human Papillomavirus (HPV) Vaccines

Principal Investigator: [REDACTED]

Expiration Date: March 20, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate INSTRUCTIONS and use FORMS found in the IRBNet library. You can access all INSTRUCTIONS and FORMS in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

You are required to complete one of the following forms found in the IRBNet animal research library:

FORM: Changes and Renewal Requests

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Renewal requests will be reviewed in the same manner as the original proposal and must be done on an annual basis. Failure to submit a request on time may result in suspension of your protocol and possibly suspension of your funding if applicable. If you do not respond and your project expires, it could jeopardize any funding related to this study including the possibility that you may have to return funding to the sponsor including funds already spent.

For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 30-Day Project Expiration Reminder
Date: Monday, February 25, 2019 4:27:24 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0255], IRBNet ID# [581244-7]

Title: Subcutaneous Implantation of Nitric-Oxide-Releasing Biomaterial in Rat

Principal Investigator: [REDACTED]

Expiration Date: March 27, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate INSTRUCTIONS and use FORMS found in the IRBNet library. You can access all INSTRUCTIONS and FORMS in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

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For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 15-Day Project Expiration Reminder
Date: Tuesday, March 5, 2019 4:27:31 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0264], IRBNet ID# [716655-12]

Title: Evaluation of Broadly Protective Next-generation Human Papillomavirus (HPV) Vaccines

Principal Investigator: [REDACTED]

Expiration Date: March 20, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate INSTRUCTIONS and use FORMS found in the IRBNet library. You can access all INSTRUCTIONS and FORMS in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

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For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [REDACTED]
Subject: CEAD Congress, 25-27th July 2019, Frankfurt / GERMANY, Frankfurt University of Applied Sciences, German, English, Polish, Turkish, and Russian
Date: Wednesday, March 6, 2019 5:10:49 PM

Distinguished Scientists, Researchers and Educators

5. International Contemporary Education Research Congress (CEAD 2019)

will take place at **Frankfurt University of Applied Sciences in Frankfurt am Main**, which is one of the major science, trade and technology hubs of Europe and Germany, **between 25-27th July 2019** with the cooperation of Frankfurt University of Applied Sciences (Germany), Captain Witold Pilecki University of Applied Sciences (Poland) and Contemporary Education Research Association (CEAD).

Papers may be presented in every field of education such as educational sciences, sciences, health sciences, literature education and economics education. The papers that will be presented orally will be published as a book chapter in the congress proceedings book or in an international independent book named "Theory and Practice in Education" and as articles in various journals according to referee reports of the papers or in line with the author's wish. The languages of the presentations are German, English, Polish, Turkish, and Russian.

Congress Calendar:

The start of abstract submission: 15 January 2019

Submission deadline for abstracts: 30 April 2019

Announcement of the selected abstracts: 25 February 2019 - 05 May 2019

The start date of early registration: 25 February 2019

The deadline for early registration: 10 May 2019

The deadline for late registration: 30 May 2019

Announcement of the congress program: 30 June 2019

The start of the congress: 25 July 2019

The end of the congress: 27 July 2019

All the details and information regarding the congress could be reached at <http://ceadder.org/site/en/homepage/> , www.ceadder.org

You may use this e-mail address for all your inquiries: [REDACTED]

We look forward to your participation and support and wish you luck with your studies.

[REDACTED]



Virüs bulunmuyor. www.avg.com

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 45-Day Project Expiration Reminder
Date: Saturday, March 9, 2019 4:32:29 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0256], IRBNet ID# [595132-7]

Title: Imaging and mechanical testing of Mammary Gland Tumor in Mice

Principal Investigator: [REDACTED]

Expiration Date: April 23, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate INSTRUCTIONS and use FORMS found in the IRBNet library. You can access all INSTRUCTIONS and FORMS in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

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For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 15-Day Project Expiration Reminder
Date: Tuesday, March 12, 2019 4:27:40 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0255], IRBNet ID# [581244-7]

Title: Subcutaneous Implantation of Nitric-Oxide-Releasing Biomaterial in Rat

Principal Investigator: [REDACTED]

Expiration Date: March 27, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate INSTRUCTIONS and use FORMS found in the IRBNet library. You can access all INSTRUCTIONS and FORMS in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

You are required to complete one of the following forms found in the IRBNet animal research library:

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For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 30-Day Project Expiration Reminder
Date: Sunday, March 24, 2019 4:30:11 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0256], IRBNet ID# [595132-7]

Title: Imaging and mechanical testing of Mammary Gland Tumor in Mice

Principal Investigator: [REDACTED]

Expiration Date: April 23, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate INSTRUCTIONS and use FORMS found in the IRBNet library. You can access all INSTRUCTIONS and FORMS in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

You are required to complete one of the following forms found in the IRBNet animal research library:

FORM: Changes and Renewal Requests

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Renewal requests will be reviewed in the same manner as the original proposal and must be done on an annual basis. Failure to submit a request on time may result in suspension of your protocol and possibly suspension of your funding if applicable. If you do not respond and your project expires, it could jeopardize any funding related to this study including the possibility that you may have to return funding to the sponsor including funds already spent.

For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet Project Expiration Alert
Date: Wednesday, March 27, 2019 4:32:18 AM

IRBNet Project Expiration Alert

Internal Number: [L0255], IRBNet ID# [581244-7]

Title: Subcutaneous Implantation of Nitric-Oxide-Releasing Biomaterial in Rat

Principal Investigator: [REDACTED]

Expiration Date: March 27, 2019

Our office did not receive a request from you to renew this project for another year. According to regulations, you do not have approval from the Compliance, Integrity, and Safety Office to conduct further research for this study. All research activities for this study must be stopped now. In addition, you are required to notify our office regarding the disposition of any animals that remain in the Animal Care Facility.

Feel free to contact our office for assistance or questions you may have by contacting the IACUC at IACUC@mtu.edu or phone [REDACTED].

Regards,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 45-Day Project Expiration Reminder
Date: Tuesday, April 2, 2019 4:32:26 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0222 M0957], IRBNet ID# [339314-8]
Title: Mechanistic Basis of Glycan-mediated Biological Functions
Principal Investigator: [REDACTED].

Expiration Date: May 17, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate INSTRUCTIONS and use FORMS found in the IRBNet library. You can access all INSTRUCTIONS and FORMS in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

You are required to complete one of the following forms found in the IRBNet animal research library:

- FORM: Changes and Renewal Requests
- FORM: Animal Research Termination Request.

Renewal requests will be reviewed in the same manner as the original proposal and must be done on an annual basis. Failure to submit a request on time may result in suspension of your protocol and possibly suspension of your funding if applicable. If you do not respond and your project expires, it could jeopardize any funding related to this study including the possibility that you may have to return funding to the sponsor including funds already spent.

For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 45-Day Project Expiration Reminder
Date: Tuesday, April 2, 2019 4:32:26 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0278], IRBNet ID# [1216906-2]
Title: Detection of migratory fish in tributaries
Principal Investigator: [REDACTED]

Expiration Date: May 17, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate INSTRUCTIONS and use FORMS found in the IRBNet library. You can access all INSTRUCTIONS and FORMS in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

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- FORM: Changes and Renewal Requests
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For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 15-Day Project Expiration Reminder
Date: Monday, April 8, 2019 4:47:38 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0256], IRBNet ID# [595132-7]

Title: Imaging and mechanical testing of Mammary Gland Tumor in Mice

Principal Investigator: [REDACTED]

Expiration Date: April 23, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate INSTRUCTIONS and use FORMS found in the IRBNet library. You can access all INSTRUCTIONS and FORMS in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

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For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 45-Day Project Expiration Reminder
Date: Monday, April 8, 2019 5:50:03 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0274], IRBNet ID# [1051340-3]
Title: Developing Strategies for bringing back the Arctic Grayling in Michigan
Principal Investigator: [REDACTED]

Expiration Date: May 23, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate INSTRUCTIONS and use FORMS found in the IRBNet library. You can access all INSTRUCTIONS and FORMS in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

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For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 45-Day Project Expiration Reminder
Date: Tuesday, April 9, 2019 4:32:19 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0257], IRBNet ID# [588706-7]

Title: Impacts of bioenergy development on biodiversity and ecosystem services in the Americas - for purposes of IREU, linked with NSF Award #1019928 (Interactive effects of predation and ecosystem size on arthropod food webs in Hawaiian forests fragmented by lava flows)

Principal Investigator: [REDACTED]

Expiration Date: May 24, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate INSTRUCTIONS and use FORMS found in the IRBNet library. You can access all INSTRUCTIONS and FORMS in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

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For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 30-Day Project Expiration Reminder
Date: Wednesday, April 17, 2019 4:27:38 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0278], IRBNet ID# [1216906-2]

Title: Detection of migratory fish in tributaries

Principal Investigator: [REDACTED]

Expiration Date: May 17, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate INSTRUCTIONS and use FORMS found in the IRBNet library. You can access all INSTRUCTIONS and FORMS in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

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For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 30-Day Project Expiration Reminder
Date: Tuesday, April 23, 2019 4:27:39 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0274], IRBNet ID# [1051340-3]

Title: Developing Strategies for bringing back the Arctic Grayling in Michigan

Principal Investigator: [REDACTED]

Expiration Date: May 23, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

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For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 30-Day Project Expiration Reminder
Date: Wednesday, April 24, 2019 4:27:36 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0257], IRBNet ID# [588706-7]

Title: Impacts of bioenergy development on biodiversity and ecosystem services in the Americas - for purposes of IREU, linked with NSF Award #1019928 (Interactive effects of predation and ecosystem size on arthropod food webs in Hawaiian forests fragmented by lava flows)

Principal Investigator: [REDACTED]

Expiration Date: May 24, 2019

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For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 15-Day Project Expiration Reminder
Date: Thursday, May 2, 2019 4:27:34 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0278], IRBNet ID# [1216906-2]

Title: Detection of migratory fish in tributaries

Principal Investigator: [REDACTED]

Expiration Date: May 17, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate INSTRUCTIONS and use FORMS found in the IRBNet library. You can access all INSTRUCTIONS and FORMS in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

You are required to complete one of the following forms found in the IRBNet animal research library:

FORM: Changes and Renewal Requests

FORM: Animal Research Termination Request.

Renewal requests will be reviewed in the same manner as the original proposal and must be done on an annual basis. Failure to submit a request on time may result in suspension of your protocol and possibly suspension of your funding if applicable. If you do not respond and your project expires, it could jeopardize any funding related to this study including the possibility that you may have to return funding to the sponsor including funds already spent.

For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 15-Day Project Expiration Reminder
Date: Thursday, May 2, 2019 4:27:33 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0222 M0957], IRBNet ID# [339314-8]
Title: Mechanistic Basis of Glycan-mediated Biological Functions
Principal Investigator: [REDACTED]

Expiration Date: May 17, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate INSTRUCTIONS and use FORMS found in the IRBNet library. You can access all INSTRUCTIONS and FORMS in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

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- FORM: Changes and Renewal Requests
- FORM: Animal Research Termination Request.

Renewal requests will be reviewed in the same manner as the original proposal and must be done on an annual basis. Failure to submit a request on time may result in suspension of your protocol and possibly suspension of your funding if applicable. If you do not respond and your project expires, it could jeopardize any funding related to this study including the possibility that you may have to return funding to the sponsor including funds already spent.

For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 15-Day Project Expiration Reminder
Date: Wednesday, May 8, 2019 4:27:40 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0274], IRBNet ID# [1051340-3]

Title: Developing Strategies for bringing back the Arctic Grayling in Michigan

Principal Investigator: [REDACTED]

Expiration Date: May 23, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate instructions and use forms found in the IRBNet library. You can access all instructions and forms in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

You are required to complete one of the following forms found in the IRBNet animal research library:

FORM: Renewal or Modification Request

FORM: Animal Research Termination Request.

Renewal requests will be reviewed in the same manner as the original proposal and must be done on an annual basis. Failure to submit a request on time may result in suspension of your protocol and possibly suspension of your funding if applicable. If you do not respond and your project expires, it could jeopardize any funding related to this study including the possibility that you may have to return funding to the sponsor including funds already spent.

For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet Project Expiration Alert
Date: Thursday, May 23, 2019 4:32:34 AM

IRBNet Project Expiration Alert

Internal Number: [L0274], IRBNet ID# [1051340-3]

Title: Developing Strategies for bringing back the Arctic Grayling in Michigan

Principal Investigator: [REDACTED]

Expiration Date: May 23, 2019

Our office did not receive a request from you to renew this project for another year. According to regulations, you do not have approval from the Compliance, Integrity, and Safety Office to conduct further research for this study. All research activities for this study must be stopped now. In addition, you are required to notify our office regarding the disposition of any animals that remain in the Animal Care Facility.

Feel free to contact our office for assistance or questions you may have by contacting the IACUC at IACUC@mtu.edu or phone 487-2902.

Regards,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet Project Expiration Alert
Date: Friday, May 24, 2019 4:32:45 AM

IRBNet Project Expiration Alert

Internal Number: [L0257], IRBNet ID# [588706-7]

Title: Impacts of bioenergy development on biodiversity and ecosystem services in the Americas - for purposes of IREU, linked with NSF Award #1019928 (Interactive effects of predation and ecosystem size on arthropod food webs in Hawaiian forests fragmented by lava flows)

Principal Investigator: [REDACTED]

Expiration Date: May 24, 2019

Our office did not receive a request from you to renew this project for another year. According to regulations, you do not have approval from the Compliance, Integrity, and Safety Office to conduct further research for this study. All research activities for this study must be stopped now. In addition, you are required to notify our office regarding the disposition of any animals that remain in the Animal Care Facility.

Feel free to contact our office for assistance or questions you may have by contacting the IACUC at IACUC@mtu.edu or phone 487-2902.

Regards,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet Project Expiration Alert
Date: Wednesday, May 29, 2019 4:32:40 AM

IRBNet Project Expiration Alert

Internal Number: [L0274], IRBNet ID# [1051340-4]

Title: Developing Strategies for bringing back the Arctic Grayling in Michigan

Principal Investigator: [REDACTED]

Expiration Date: May 23, 2019

Our office did not receive a request from you to renew this project for another year. According to regulations, you do not have approval from the Compliance, Integrity, and Safety Office to conduct further research for this study. All research activities for this study must be stopped now. In addition, you are required to notify our office regarding the disposition of any animals that remain in the Animal Care Facility.

Feel free to contact our office for assistance or questions you may have by contacting the IACUC at IACUC@mtu.edu or phone 487-2902.

Regards,
The Office Compliance, Integrity, and Safety

From: [REDACTED]
To: iacuc@mtu.edu
Cc: [Courtney Holzberger](#)
Subject: Protocol Approval
Date: Friday, May 31, 2019 12:42:14 PM

Hello,

I am [REDACTED] for Courtney Holzberger this summer.

I am emailing to make sure that [REDACTED] protocol is approved and active. The protocol number is L0260.

Thank you,

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

From: [REDACTED]
To: [REDACTED]
Cc: [iacuc](#)
Subject: Re: Protocol Approval
Date: Friday, May 31, 2019 1:06:03 PM

Hi [REDACTED],

Here we go, right! ;)

Yes, L0260 is active and approved through 9/18/19.

Just a little feedback as we move forward...unless you state why you are asking to verify the protocol status, we will assume the researcher has requested to order animals. Additionally, since we do not know what he is requesting and may not know what he typically orders we will also rely on you to have verified his request is ok and that he is ordering animals that he currently uses.

[REDACTED]

On Fri, May 31, 2019 at 12:42 PM [REDACTED] wrote:

Hello,

I am [REDACTED] Courtney Holzberger this summer.

I am emailing to make sure that [REDACTED] protocol is approved and active. The protocol number is L0260.

Thank you,

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]



From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 45-Day Project Expiration Reminder
Date: Tuesday, June 4, 2019 4:33:07 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0259], IRBNet ID# [622109-5]

Title: Promoting Nerve Outgrowth through Topographical, Electrical, and Chemical Stimulation

Principal Investigator: [REDACTED]

Expiration Date: July 19, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate instructions and use forms found in the IRBNet library. You can access all instructions and forms in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

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Renewal requests will be reviewed in the same manner as the original proposal and must be done on an annual basis. Failure to submit a request on time may result in suspension of your protocol and possibly suspension of your funding if applicable. If you do not respond and your project expires, it could jeopardize any funding related to this study including the possibility that you may have to return funding to the sponsor including funds already spent.

For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 45-Day Project Expiration Reminder
Date: Monday, June 10, 2019 4:32:30 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0210], IRBNet ID# [313373-21]
Title: L0210 - "Biomaterial-Based Lymphatic Regeneration"
Principal Investigator: [REDACTED]

Expiration Date: July 25, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate instructions and use forms found in the IRBNet library. You can access all instructions and forms in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

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For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [REDACTED]
To: [undisclosed-recipients:](#)
Bcc: iacuc@mtu.edu
Subject: CEAD CONGRESS, 25-27 July 2019, Frankfurt / GERMANY, The deadline for the abstract submission has been extended to 20th June 2019
Date: Tuesday, June 11, 2019 2:46:59 PM

Distinguished Scientists, Researchers and Educators,

The deadline for the abstract submission of the 5th International Contemporary Educational Research Congress has been extended to 20th June 2019 and the deadline for the early registration fee to 30th May 2019.

Academicians, researchers and participants from 20 different countries such as, Albania, Azerbaijan, Congo Republic, Czechia, Egypt, Germany, Ireland, Israel, Japan, Mozambique, Pakistan, Palestine, Poland, Portugal, Romania, Russia, Singapore, South Africa, Spain and Uzbekistan have registered for our congress.

5. International Contemporary Education Research Congress (CEAD 2019) will take place at Frankfurt University of Applied Sciences in Frankfurt am Main- the 279.

ranking university in the world -, which is one of the major science, trade and technology hubs of Europe and Germany, between 25-27th July 2019 with the cooperation of Frankfurt University of Applied Sciences (Germany), Captain Witold Pilecki University of Applied Sciences (Poland) and Contemporary Education Research Association (CEAD). Papers may be presented in every field of education such as educational sciences, sciences, health sciences, literature education and economics education. The papers that will be presented orally will be published as a book chapter in the congress proceedings book or in an international independent book named "Theory and Practice in Education" and as articles in various journals according to referee reports of the papers or in line with the author's wish. The languages of the presentations are Polish, Turkish, German, English and Russian.

All the details and information regarding the congress and the tour could be reached at <http://www.ceadder.org> or <http://ceadder.org/site/en/homepage/>

You may use this e-mail address for all your inquiries: [REDACTED]

and [REDACTED]

We look forward to your participation and support and wish you luck with your studies.

[REDACTED]

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 30-Day Project Expiration Reminder
Date: Sunday, June 30, 2019 4:29:35 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0280], IRBNet ID# [1284566-6]

Title: Functional Dissection of Pallidal Circuits in Therapeutic Deep Brain Stimulation

Principal Investigator: [REDACTED]

Expiration Date: July 30, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate instructions and use forms found in the IRBNet library. You can access all instructions and forms in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

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For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [REDACTED]
To: iacuc@mtu.edu
Subject: Fwd: controled substance for new grant R15 application
Date: Wednesday, June 12, 2019 11:17:28 AM
Attachments: [CS Storage and List of staff](#) [REDACTED]
[ControlledSubstanceForm](#) [REDACTED]
[StateCSLicense](#) [REDACTED] [renewed.pdf](#)

Hi Courtney,

How are you? Hope everything is going well!

It is another grant submission cycle now. In this new R15 proposal, we will continue to use controlled substance.

And we are requested to fill a controlled substance form, Can you please help? I have attached the documents you need. Please see attached.

We have renewed our Michigan State License, but federal is still in process. Once we receive it, we will send you all the SOPs you requested.

All the best,

[REDACTED]

Procedures for Storage & Security of Drugs

The controlled drugs and substances will be locked in the fireproofed cabinet located in the room [REDACTED]. The cabinet is permanently mounted to the wall of the room in order to prevent the movement. The room is required card access and only the investigator has access to the locked cabinet. The amount or volume of the drugs used for the experiments and the balance of these drugs will be recorded.

List of Other Staff/Persons Involved

Only the [REDACTED] will involve. None of any other staff/person will be involved.

Contact information

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

Michigan Technological University Notification of Controlled Substance Registration

Please fill out this form when registering or renewing a DEA and State of Michigan Controlled Substance License.

Send to:

Courtney Holzberger,
Compliance, Integrity, and Safety, [REDACTED]
crholzbe@mtu.edu.

Registrant Name: [REDACTED]

Department:

Biological Science

Controlled Substance Registration Type (circle or indicate one):

Research

Dispenser

Analysis

Instructional

If renewing:

Provide copies of your new license.

DEA License Number:

Expiration date:

Are there any changes in the controlled substances you will be using?

If yes, indicate:

Are there any changes in your Authorized Users?

If yes, indicate:

If registering:

List the controlled substances you will be using: *Methamphetamine*

Explain where and how the controlled substances will be stored and secured.

See attached file

How many authorized users will you have? [REDACTED]

Do you have questionnaires filed for all of them? *W*

You will be expected to utilize Michigan Tech's inventory tracking forms for controlled substances. If you intend to use different forms, please provide them now.

You are expected to provide copies of both your DEA license and your State of Michigan license when they are issued.

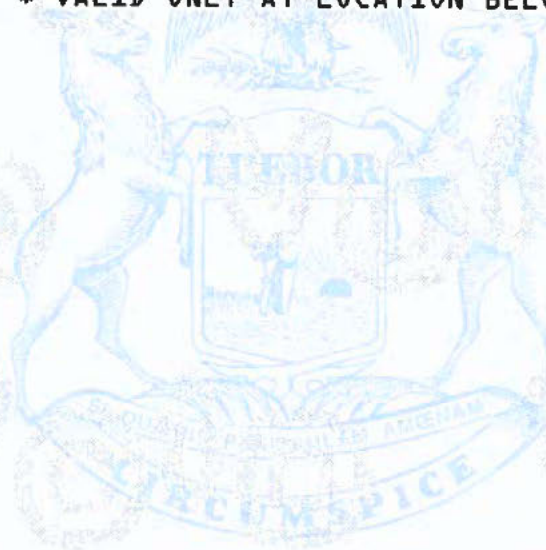
All controlled substances must be ordered through the ACF- Courtney Holzberger. No exceptions.

GRETCHEN WHITMER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
BOARD OF PHARMACY

CONTROLLED SUBSTANCE SCHEDULE 2-5 RESEARCH LABORATORY LICENSE

* VALID ONLY AT LOCATION BELOW



LICENSE NO.

EXPIRATION DATE
1/29/2022

THIS DOCUMENT IS DULY
ISSUED UNDER THE LAWS OF
THE STATE OF MICHIGAN

Obtaining a Controlled Substance Research License and Registration

How do I get both my DEA and State of Michigan controlled substance license/registration?

Obtaining a license to use controlled substances is a relatively easy process, but it does take some time. You will need to get **both** a State of Michigan Controlled Substance Research License and a Drug Enforcement Administration (DEA) Controlled Substance Researcher Registration. You will need your State of Michigan Controlled Substance Research License number in order to get *final approval* from the DEA, so submit it first to get the process started. **You do not have to wait** until you receive the State of Michigan license number to submit the application for your federal DEA registration.

Procedures for Obtaining Both SOM License and DEA Registration

1. **Obtain a State of Michigan license**

- a. Applying for a State of Michigan Controlled Substance Research license is a two part process:
 - i. *Fill out the application found here:*
http://www.michigan.gov/documents/lara/lara_CSResearchapp_0314_450204_7.pdf
 1. You will need the following supplemental information:
 - a. Credentials to conduct the proposed research
 - b. Protocol of the proposed research
 - c. List of controlled substances & doses to be used
 - d. Procedures for storage & security of drugs
 - e. List of other staff/people involved, including students
 2. Cost: \$85.85
 - ii. *Criminal background check*
 1. A criminal background check is part of this process. The State of Michigan will contact you with procedures for completing the fingerprinting and background check.

2. **Obtain a DEA Registration**

- a. You will need your State of Michigan Controlled Substance License Number to **complete** the DEA application. However, you should still fill out the application and submit it prior to receiving your State of Michigan Controlled Substance License Number.
- b. Drug Enforcement Administration Controlled Substance Registration Application
 - i. Complete the form for a New Applicant found here:
<https://apps.dea diversion.usdoj.gov/webforms/jsp/regapps/common/newAppLogin.jsp>
 - ii. Complete Form 225 for Researchers-
 1. Cost is \$244; however employees of the university qualify for the fee exemption. Your department chair can serve as the certifying official.

Please note: In all cases, a separate application must be filed with BOTH the DEA and the State of Michigan if you wish to work with Schedule I controlled substances.

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 45-Day Project Expiration Reminder
Date: Saturday, June 15, 2019 4:32:55 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0280], IRBNet ID# [1284566-6]

Title: Functional Dissection of Pallidal Circuits in Therapeutic Deep Brain Stimulation

Principal Investigator: [REDACTED]

Expiration Date: July 30, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate instructions and use forms found in the IRBNet library. You can access all instructions and forms in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

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FORM: Animal Research Termination Request.

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For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 30-Day Project Expiration Reminder
Date: Wednesday, June 19, 2019 4:28:23 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0259], IRBNet ID# [622109-5]

Title: Promoting Nerve Outgrowth through Topographical, Electrical, and Chemical Stimulation

Principal Investigator: [REDACTED]

Expiration Date: July 19, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate instructions and use forms found in the IRBNet library. You can access all instructions and forms in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

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FORM: Animal Research Termination Request.

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For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [REDACTED]
To: iacuc@mtu.edu
Subject: Protocol Approval
Date: Wednesday, June 19, 2019 11:28:22 AM

Hello,

[REDACTED] has requested to order animals and I have verified his request.

Can you please verify that the Protocol L0182 is approved and active for [REDACTED]?

Thank you,

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

From: [REDACTED]
To: [REDACTED]
Cc: [, iacuc](#)
Subject: Re: Protocol Approval
Date: Wednesday, June 19, 2019 11:50:41 AM

[REDACTED]

L0182 is an approved and active protocol.

Thanks for checking

[REDACTED]

On Wed, Jun 19, 2019 at 11:28 AM [REDACTED] wrote:

Hello,

[REDACTED] has requested to order animals and I have verified his request.

Can you please verify that the Protocol L0182 is approved and active for [REDACTED]?

Thank you,

[REDACTED]

--

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

From: [REDACTED]
To: [iacuc](#)
Subject: Schedule message.
Date: Thursday, June 20, 2019 1:48:59 PM

You have 1 new Important Schedule message

[REDACTED]

Michigan Technological University | Blackboard | Team.

From: [REDACTED]
To: acf-requests-l@mtu.edu; iacuc@mtu.edu
Subject: Fwd: Waste Disposal
Date: Tuesday, June 25, 2019 11:22:05 AM

Best Regards,
[REDACTED]

[REDACTED]

----- Forwarded message -----

From: [REDACTED]
Date: Mon, Jun 24, 2019 at 5:35 PM
Subject: Waste Disposal
To: Courtney Holzberger <crholzbe@mtu.edu>

hi ma'am,

i have dropped off the waste to be autoclaved near the animal facility door ([REDACTED]).
There is one black container from our lab.

Adviser: [REDACTED]
Location of Lab: [REDACTED]

thank you!

Best Regards,
[REDACTED]

[REDACTED]

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 30-Day Project Expiration Reminder
Date: Tuesday, June 25, 2019 4:28:02 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0210], IRBNet ID# [313373-21]
Title: L0210 - "Biomaterial-Based Lymphatic Regeneration"
Principal Investigator: [REDACTED]

Expiration Date: July 25, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate instructions and use forms found in the IRBNet library. You can access all instructions and forms in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

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- FORM: Animal Research Termination Request.

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For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [REDACTED]
To: iacuc@mtu.edu
Subject: Fwd: IACUC application
Date: Wednesday, June 26, 2019 11:52:50 AM
Attachments: [1424784-Animal Use Application Form 3.0_V2.rtf](#)

Hi,

I was hoping to get some help with submitting an IACUC application. The application is attached with this email and any help would be greatly appreciated.

Thank you and have a great day,

[REDACTED]

[REDACTED]



----- Forwarded message -----

From: [REDACTED]
Date: Wed, Jun 26, 2019 at 11:42 AM
Subject: IACUC application
To: Courtney Perreault <crholzbe@mtu.edu>

Dear Courtney,

I am submitting an IACUC application to study fructose embedded scaffolds for cancer. I was hoping to get your input before i submit the application for review.

Attached is the application in its current form. Any insight that you can provide would be highly appreciated.

Thank you,

[REDACTED]

[REDACTED]



From: [REDACTED]
To: iacuc@mtu.edu
Subject: Fall Data Science Fellowship Opportunity - o=
Date: Thursday, June 27, 2019 3:58:49 PM

Hi,

I would be extremely grateful if you could forward this opportunity on to **masters, PhDs, and postdocs** in your department or to post this on your announcement board.

Program: The Data Incubator is an intensive 8 week fellowship that prepares masters students, PhDs, and postdocs in STEM and social science fields seeking industry careers as data scientists. The program is free for Fellows and supported by sponsorships from hundreds of employers across multiple industries. In response to the overwhelming interest in our earlier sessions, we will be holding another fellowship.

Who Should Apply: Anyone who has already obtained a masters or PhD degree or who is within one year of graduating with a masters or PhD is welcome to apply. Applications from international students are welcome. Everyone else is encouraged to [sign-up for a future session](#).

Locations: In addition to the below in-person locations, we will have a remote *online* session:

- New York City
- San Francisco Bay Area
- Boston
- Washington, DC.

Dates: All sections will be from 2019-09-16 to 2019-11-08.

Application Link: <https://www.thedataincubator.com/fellowship.html#apply?ref=waWFjdWNAbXRlVmVkdQo=>

Early Deadline: 2019-07-08.

Regular Deadline: 2019-07-15.

We are assessing and interviewing candidates who apply for the Early Deadline first and then based on remaining availability, will take candidates who applied for the Regular Deadline on a first-come first-serve basis.

Data Science in 30 minutes: Learn how to build a data-science project in our upcoming [free Data Science in 30-minutes webcast](#). Signup soon as space is limited.

Learn More: You can learn about our fellows at [The New York Times](#), [LinkedIn](#), [Amazon](#), [Capital One](#), or [Palantir](#). To read about our latest fellow alumni, check out our [blog](#). To learn more about The Data Incubator, check us out on [Venture Beat](#), [The Next Web](#), or [Harvard Business Review](#).

Sincerely,

[REDACTED]



From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 15-Day Project Expiration Reminder
Date: Thursday, July 4, 2019 4:28:30 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0259], IRBNet ID# [622109-5]

Title: Promoting Nerve Outgrowth through Topographical, Electrical, and Chemical Stimulation

Principal Investigator: [REDACTED]

Expiration Date: July 19, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate instructions and use forms found in the IRBNet library. You can access all instructions and forms in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

You are required to complete one of the following forms found in the IRBNet animal research library:

FORM: Renewal or Modification Request

FORM: Animal Research Termination Request.

Renewal requests will be reviewed in the same manner as the original proposal and must be done on an annual basis. Failure to submit a request on time may result in suspension of your protocol and possibly suspension of your funding if applicable. If you do not respond and your project expires, it could jeopardize any funding related to this study including the possibility that you may have to return funding to the sponsor including funds already spent.

For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 45-Day Project Expiration Reminder
Date: Monday, July 8, 2019 4:37:49 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0228], IRBNet ID# [368493-19]

Title: Role of micro-30d in transgenic mice

Principal Investigator: [REDACTED]

Expiration Date: August 22, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate instructions and use forms found in the IRBNet library. You can access all instructions and forms in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

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For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 45-Day Project Expiration Reminder
Date: Tuesday, July 9, 2019 4:33:04 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0279], IRBNet ID# [1217507-2]
Title: Advanced Wound Healing
Principal Investigator: [REDACTED]

Expiration Date: August 23, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate instructions and use forms found in the IRBNet library. You can access all instructions and forms in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

You are required to complete one of the following forms found in the IRBNet animal research library:

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FORM: Animal Research Termination Request.

Renewal requests will be reviewed in the same manner as the original proposal and must be done on an annual basis. Failure to submit a request on time may result in suspension of your protocol and possibly suspension of your funding if applicable. If you do not respond and your project expires, it could jeopardize any funding related to this study including the possibility that you may have to return funding to the sponsor including funds already spent.

For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 15-Day Project Expiration Reminder
Date: Wednesday, July 10, 2019 4:31:44 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0210], IRBNet ID# [313373-21]
Title: L0210 - "Biomaterial-Based Lymphatic Regeneration"
Principal Investigator: [REDACTED]

Expiration Date: July 25, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate instructions and use forms found in the IRBNet library. You can access all instructions and forms in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

You are required to complete one of the following forms found in the IRBNet animal research library:

FORM: Renewal or Modification Request
FORM: Animal Research Termination Request.

Renewal requests will be reviewed in the same manner as the original proposal and must be done on an annual basis. Failure to submit a request on time may result in suspension of your protocol and possibly suspension of your funding if applicable. If you do not respond and your project expires, it could jeopardize any funding related to this study including the possibility that you may have to return funding to the sponsor including funds already spent.

For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 45-Day Project Expiration Reminder
Date: Monday, July 8, 2019 4:37:49 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0249], IRBNet ID# [338626-8]

Title: Ecology and Restoration of Coaster Brook Trout (*Salvelinus fontinalis*) in the Salmon Trout River, Marquette County

Principal Investigator: [REDACTED]

Expiration Date: August 22, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate instructions and use forms found in the IRBNet library. You can access all instructions and forms in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

You are required to complete one of the following forms found in the IRBNet animal research library:

FORM: Renewal or Modification Request

FORM: Animal Research Termination Request.

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For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 15-Day Project Expiration Reminder
Date: Friday, August 16, 2019 4:27:54 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0291], IRBNet ID# [1449361-3]

Title: Piezoelectric Fixation Plate to Deliver Fully Customized Mechanical Loading Profiles for Enhanced Osteogenesis and Vascularization in Bone Healing and to Measure Strain to Monitor Osteogenesis In Vivo

Principal Investigator: [REDACTED]

Expiration Date: August 31, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate instructions and use forms found in the IRBNet library. You can access all instructions and forms in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

You are required to complete one of the following forms found in the IRBNet animal research library:

FORM: Renewal or Modification Request

FORM: Animal Research Termination Request.

Renewal requests will be reviewed in the same manner as the original proposal and must be done on an annual basis. Failure to submit a request on time may result in suspension of your protocol and possibly suspension of your funding if applicable. If you do not respond and your project expires, it could jeopardize any funding related to this study including the possibility that you may have to return funding to the sponsor including funds already spent.

For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 15-Day Project Expiration Reminder
Date: Saturday, August 17, 2019 4:28:04 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0291], IRBNet ID# [1449361-4]

Title: Piezoelectric Fixation Plate to Deliver Fully Customized Mechanical Loading Profiles for Enhanced Osteogenesis and Vascularization in Bone Healing and to Measure Strain to Monitor Osteogenesis In Vivo

Principal Investigator: [REDACTED]

Expiration Date: August 31, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate instructions and use forms found in the IRBNet library. You can access all instructions and forms in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

You are required to complete one of the following forms found in the IRBNet animal research library:

FORM: Renewal or Modification Request

FORM: Animal Research Termination Request.

Renewal requests will be reviewed in the same manner as the original proposal and must be done on an annual basis. Failure to submit a request on time may result in suspension of your protocol and possibly suspension of your funding if applicable. If you do not respond and your project expires, it could jeopardize any funding related to this study including the possibility that you may have to return funding to the sponsor including funds already spent.

For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Leah Vucetich](#) on behalf of [Leah Vucetich <lmvuceti@mtu.edu>](#)
To: [Office of Compliance, Integrity, and Safety](#)
Cc: [REDACTED]
Subject: Re: IRBNet 45-Day Project Expiration Reminder
Date: Tuesday, August 6, 2019 6:39:31 AM

Office of Compliance, Integrity, and Safety:

We plan to renew this protocol.

Thank you,
[REDACTED]

On Tue, Aug 6, 2019 at 4:33 AM Office of Compliance, Integrity, and Safety <no-reply@irbnet.org> wrote:

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0093R], IRBNet ID# [372111-8]
Title: Wolf/Moose Population Monitoring, Isle Royale Park
Principal Investigator: [REDACTED]

Expiration Date: September 20, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate instructions and use forms found in the IRBNet library. You can access all instructions and forms in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

You are required to complete one of the following forms found in the IRBNet animal research library:

- FORM: Renewal or Modification Request
- FORM: Animal Research Termination Request.

Renewal requests will be reviewed in the same manner as the original proposal and must be done on an annual basis. Failure to submit a request on time may result in suspension of your protocol and possibly suspension of your funding if applicable. If you do not respond and your project expires, it could jeopardize any funding related to this study including the possibility that you may have to return funding to the sponsor including funds already spent.

For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 45-Day Project Expiration Reminder
Date: Wednesday, July 17, 2019 4:33:54 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0291], IRBNet ID# [1449361-3]

Title: Piezoelectric Fixation Plate to Deliver Fully Customized Mechanical Loading Profiles for Enhanced Osteogenesis and Vascularization in Bone Healing and to Measure Strain to Monitor Osteogenesis In Vivo

Principal Investigator: [REDACTED]

Expiration Date: August 31, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate instructions and use forms found in the IRBNet library. You can access all instructions and forms in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

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FORM: Renewal or Modification Request

FORM: Animal Research Termination Request.

Renewal requests will be reviewed in the same manner as the original proposal and must be done on an annual basis. Failure to submit a request on time may result in suspension of your protocol and possibly suspension of your funding if applicable. If you do not respond and your project expires, it could jeopardize any funding related to this study including the possibility that you may have to return funding to the sponsor including funds already spent.

For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [REDACTED]
To: [REDACTED]
Cc: iacuc@mtu.edu
Subject: Re: IACUC Approval for Michigan Tech MTRAC Award
Date: Wednesday, July 17, 2019 5:18:52 PM
Attachments: [FundingLetterTemplate chair.pdf](#)
[REDACTED]

Hi [REDACTED],

Thank you for the note. I have written responses below by the questions. Let me know if you need something else.

My best,

[REDACTED]

On Jul 17, 2019, at 4:10 PM, [REDACTED] wrote:

Hi [REDACTED],

I'm in the process of writing a subcontract to your institution for your MTRAC project "An Implantable Biomaterial Scaffold as a Companion Diagnostic for Cancer Immunotherapy." Before I can issue the subcontract, however, I have a few IACUC questions to follow-up with you on-

1) Can you please let me know if all project personnel have completed animal subjects training?

All project personnel have completed animal training.

2) What are the FWA and USDA registration numbers?

FWA 00004969

USDA Registration Number: 34-R-0001, Last Inspection Date: April 25, 2018

3) And can you please send to iacuc@mtu.edu the project's IACUC Committee approval letter or project exemption letter?

I have copied IACUC at MTU on this note. The attachment is here.

8/30/2017

Dear [REDACTED]:

The Institutional Animal Care & Use Committee (IACUC) has reviewed the animal use application referenced below. The proposed animal use procedures are in compliance with University guidelines, State and Federal regulations and the standards of the "Guide for the Care and Use of Laboratory Animals. This project has been approved.

There may be additional issues that need to be addressed prior to initiation of the associated research. It is your responsibility, as Principal Investigator, to secure all the necessary requirements and recommendations and notify funding agencies of changes made to the study.

Committee approval must be obtained prior to making changes from what is originally stated in the protocol. An amendment must be approved prior to the implementation of the change. Contact the ACU Office for further information.

The United States Department of Agriculture (USDA), Department of Defense (DOD), and University policy require an annual administrative review of any animal use protocols funded by the DOD or approved to use USDA-covered species. Your continued animal use approval is contingent upon the completion of this online form. Additionally, your renewal application must be submitted, reviewed and approved in a timely manner prior to the expiration date of the current protocol. You will receive notification prior to the deadlines for both the annual review and protocol expiration.

The University's Animal Welfare Assurance Number on file with the NIH Office of Laboratory Animal Welfare (OLAW) is A3114-01, and most recent date of accreditation by the Association for the Assessment and Accreditation of Laboratory Animal Care International (AAALAC, Intl.) is June 12, 2012.

If you receive news media inquiries concerning any aspect of animal use or care in this project, please contact [REDACTED], News and Information Services, [REDACTED]. If you have a security concern regarding the animals or animal facilities, or if you need emergency veterinary medical care, contact [REDACTED], [REDACTED], at [REDACTED]. UMPD will contact the appropriate veterinarian.

Sincerely,

[REDACTED]

[REDACTED]



Protocol ID: PRO00007801

Protocol Title: An in vivo metastasis sensor

Approval Period: 8/30/2017 - 8/30/2020

External Funding Sources:

PAF ID	PAF Title	PAF PI	PAF Sponsor
17-PAF01525	Measuring Signaling Pathway Dynamics During Tissue Growth in Hydrogels	[REDACTED]	National Institutes of Health
15-PAF05534	A novel scaffold to detect metastasis and measure therapeutic response for aggressive breast cancer subtypes	[REDACTED]	A Sister's Hope
15-PAF00164	An in vivo metastasis sensor	[REDACTED]	National Institutes of Health

Internal Funding Sources:

Project Title	Department
Cell Protein and Gene Therapy for Regenerative Medicine	Biomedical Engineering

Last updated: 8/30/2017

From: [REDACTED]
To: [Office of Compliance, Integrity, and Safety](#)
Subject: Re: IRBNet Project Expiration Alert
Date: Friday, July 19, 2019 1:49:34 PM

Good afternoon.

Today is the deadline, but we are not able to submit a renewal request.

Thanks,

[REDACTED]

On Fri, Jul 19, 2019 at 4:33 AM Office of Compliance, Integrity, and Safety <no-reply@irbnet.org> wrote:

IRBNet Project Expiration Alert

Internal Number: [L0259], IRBNet ID# [622109-5]

Title: Promoting Nerve Outgrowth through Topographical, Electrical, and Chemical Stimulation

Principal Investigator: [REDACTED]

Expiration Date: July 19, 2019

Our office did not receive a request from you to renew this project for another year. According to regulations, you do not have approval from the Compliance, Integrity, and Safety Office to conduct further research for this study. All research activities for this study must be stopped now. In addition, you are required to notify our office regarding the disposition of any animals that remain in the Animal Care Facility.

Feel free to contact our office for assistance or questions you may have by contacting the IACUC at IACUC@mtu.edu or phone 487-2902.

Regards,
The Office Compliance, Integrity, and Safety

--

[REDACTED]

From: [REDACTED]
To: iacuc@mtu.edu
Subject: Certified back - up vet needed
Date: Tuesday, July 23, 2019 10:16:33 AM

Dear IACUC,

NMU needs a certified back-up consulting veterinarian for IACUC. Do you have a back-up and, if so, could NMU contract with them as well?

Thank you in advance for your assistance.

Sincerely,

[REDACTED]

Northern Michigan University

From: [REDACTED]
To: [iacuc](#)
Subject: garbage bags
Date: Friday, August 23, 2019 11:56:33 AM

Hello,

UPS delivered several boxes of garbage bags here for you.

thanks,

[REDACTED]



From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 30-Day Project Expiration Reminder
Date: Tuesday, July 23, 2019 4:29:50 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0249], IRBNet ID# [338626-8]

Title: Ecology and Restoration of Coaster Brook Trout (*Salvelinus fontinalis*) in the Salmon Trout River, Marquette County

Principal Investigator: [REDACTED]

Expiration Date: August 22, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate instructions and use forms found in the IRBNet library. You can access all instructions and forms in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

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Renewal requests will be reviewed in the same manner as the original proposal and must be done on an annual basis. Failure to submit a request on time may result in suspension of your protocol and possibly suspension of your funding if applicable. If you do not respond and your project expires, it could jeopardize any funding related to this study including the possibility that you may have to return funding to the sponsor including funds already spent.

For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 30-Day Project Expiration Reminder
Date: Wednesday, July 24, 2019 4:31:27 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0279], IRBNet ID# [1217507-3]
Title: Advanced Wound Healing
Principal Investigator: [REDACTED]

Expiration Date: August 23, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate instructions and use forms found in the IRBNet library. You can access all instructions and forms in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

You are required to complete one of the following forms found in the IRBNet animal research library:

FORM: Renewal or Modification Request
FORM: Animal Research Termination Request.

Renewal requests will be reviewed in the same manner as the original proposal and must be done on an annual basis. Failure to submit a request on time may result in suspension of your protocol and possibly suspension of your funding if applicable. If you do not respond and your project expires, it could jeopardize any funding related to this study including the possibility that you may have to return funding to the sponsor including funds already spent.

For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet Project Expiration Alert
Date: Thursday, July 25, 2019 4:39:49 AM

IRBNet Project Expiration Alert

Internal Number: [L0210], IRBNet ID# [313373-21]
Title: L0210 - "Biomaterial-Based Lymphatic Regeneration"
Principal Investigator: [REDACTED]

Expiration Date: July 25, 2019

Our office did not receive a request from you to renew this project for another year. According to regulations, you do not have approval from the Compliance, Integrity, and Safety Office to conduct further research for this study. All research activities for this study must be stopped now. In addition, you are required to notify our office regarding the disposition of any animals that remain in the Animal Care Facility.

Feel free to contact our office for assistance or questions you may have by contacting the IACUC at IACUC@mtu.edu or phone 487-2902.

Regards,
The Office Compliance, Integrity, and Safety

From: [REDACTED]
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: Re: IRBNet Project Expiration Alert
Date: Thursday, July 25, 2019 11:00:53 AM
Attachments: [Instructions Closing a Project when Complete.pdf](#)
[FORM Animal Research Termination Request.pdf](#)
[INSTRUCTIONS Renewal Request.pdf](#)
[FORM Renewal or Modification Request revised 5-21-19 \(1\).pdf](#)

[REDACTED]

It looks like no animal work has been associated with this project for over 1 year. What are you plans for this project? I have attached forms and instructions to either renew or close this project.

Best wishes,

[REDACTED]

[REDACTED]

On Thu, Jul 25, 2019 at 4:39 AM Office of Compliance, Integrity, and Safety <[no-reply@irbnet.org](mailto:reply@irbnet.org)> wrote:

IRBNet Project Expiration Alert

Internal Number: [L0210], IRBNet ID# [313373-21]

Title: L0210 - "Biomaterial-Based Lymphatic Regeneration"

Principal Investigator: [REDACTED]

Expiration Date: July 25, 2019

Our office did not receive a request from you to renew this project for another year. According to regulations, you do not have approval from the Compliance, Integrity, and Safety Office to conduct further research for this study. All research activities for this study must be stopped now. In addition, you are required to notify our office regarding the disposition of any animals that remain in the Animal Care Facility.

Feel free to contact our office for assistance or questions you may have by contacting the IACUC at IACUC@mtu.edu or phone [REDACTED]

Regards,
The Office Compliance, Integrity, and Safety

Instructions: Closing your project when complete

This feature should be used if you have concluded your research and wish to close your study. This can be done any time up to the expiration date.

Step 1 – Log in to IRBNet.org

- a. You have access to all FORMS and INSTRUCTIONS documents by clicking on the button labeled **Forms and Templates** on the left side of the page.
 - a. Be sure to choose the **IACUC** library at the top of the next page.
 - b. Select the **FORM: Animal Research Termination Request**.
- b. Complete the form and save it to your desktop, hard or flash drive.

Step 2 – Attaching the FORM you completed and saved on your computer

- a. Click on **the title** of the project you need to create the subsequent package
- b. Click **Create a New Package**, left side of the page.
- c. This will bring you to the **Designer** page.
- d. Click – **Add New Document**, complete the fields.
- e. Click – **Browse** to search your computer for your completed **FORM**,
- f. Click – **Attach**

Step 3 - Click **SUBMIT**. Ensure that you are submitting to the IACUC committee.

complete the steps until you reach the second **SUBMIT** button.

If you have any questions, please contact the CIS Office at [REDACTED] or IACUC@mtu.edu .

Animal Research Termination Request

Federal regulations require that all protocols involving the use of animals be reviewed at least annually by the Institutional Animal Care and Use Committee (IACUC). Use this form to request termination of completed research protocols and also protocols that have been approved by the IACUC but never started.

Complete this form and submit it in a subsequent study package under the title of the approved project. It is suggested to do this no later than two weeks prior to the expiration date. Failure to submit this form on time will result in an indication that the study expired with no response. For inquiry or further information, email IACUC @mtu.edu or phone [REDACTED].

Principal Investigator: _____

E-mail

Phone Number

Department

Project Title _____

IACUC Protocol Number (if known) _____ Funding Agency: _____

Enter completion date of project _____

What was / is the disposition for any remaining animals for this project

Summarize animal use in the table below:

Add row	Species	Projected Number of Animals	Actual Number of Animals Used	Comments
delete row				

Date / Time Office use only
2019-11-11 10:13:39



Instructions: RENEWAL Request for Animal Use Studies

You will be creating a subsequent package under the same title.
Do not click the Create New Project button on left side of the page.

- Step 1** – Log in to IRBNet.org NOTE Internet Explorer is the preferred browser to avoid web problems.
- You have access to all FORMS and INSTRUCTIONS documents by clicking on the button **Forms and Templates** on the left side of the page under **Other Tools**.
 - Be sure to choose the **IACUC** library at the top.
 - Select the **FORM Changes and Renewal Requests** from the drop down menu
 - Complete this form and save it to your desktop, hard or flash drive
 - NOTE: If your FORM *indicates changes to the procedure, or other documents*: Be sure to complete all areas within the FORM indicating the changes.

Follow these steps to create a subsequent study package and attach your completed FORM.

- Step 2** – **Attaching the FORM Changes and Renewal Requests you completed and saved on your computer**
- Click on the **title** of the project you are requesting a renewal for
 - Click the button **Project History**, left side of the page
 - Click **Create New Package**, middle of the page, note the first column Pkg. # increases by one number, , choose Continuing Review/Progress Report for the type of submission
 - Locate and Click on the words **Work in Progress**, which is a link, under heading **Submission Type**, you can begin adding documents to build this subsequent study package
 - Click – **Add New Document**
 - Click – **Browse** to search your computer for your completed **FORM Changes and Renewal Requests**, Click – **Attach**
 - Complete this step to upload additional documents that have been updated for this study

Additional steps if changes in personnel are indicate:

You must modify your Application Coversheet to indicate the changes in personnel to either list an end date if someone is removed, or a start date if someone is added. Your submission will be returned, not processed if you skip this step. The Michigan Tech – New Project Application Coversheet is accessible by scrolling down and locating from the Documents from Previous Packages, click the pencil icon to modify on the line of the Coversheet to edit it. When removing personnel, you only need to indicate an end date, do not remove the information from the Coversheet.

Share with new personnel, or remove those no longer involved: Be sure to indicate ALL CHANGES of investigators on your FORM; previously shared investigators will remain the same. To share with new or remove already listed investigators:

- Click – **Share this Project**, left side of the page
 - ADDING:** Click – **Select Organization**, type Michigan Tech and click Search. Enter the investigator name to search and then select the person and choose the appropriate level of access. **Be sure to click SAVE after each person added. All FULL Access personnel must sign the package when added**
 - REMOVING:** Locate the User Name, click on the **No Access** button to remove their access

Send Project Mail - This is a quick tool to communicate with your team about the study or you can use this when you need to send a request to those granted full access asking them to sign the package.

- a. Click – **Send Project Mail**
- ii. Choose the checkboxes of those you wish to communicate with

Step 3 – Training Credentials and renewed drug license documents

Be sure that all current training credentials and / or drug license information is first uploaded to your user profile, and then linked in the subsequent study package. Refer to INSTRUCTIONS: How to link training / drug license documents.

Step 4 – Sign and Submit: You must electronically sign the subsequent package. New investigators added with FULL access must also link their training credentials and sign the package at this time.

- a. Click – **Sign this Package** (select your title from the drop-down); click **Sign**, complete the verification information and then click **Continue**
- b. Click – **Submit this Package**, be sure that **Michigan Technological University IACUC** is highlighted, click **Continue**, select submission type **Continuing Review/Progress Report**
- c. Click – **Submit**

NOTE: In addition, if your submission must be reviewed by more than one committee, (i.e., IACUC and/or IBC), you must complete the Submit this Package steps individually to each board for review and determination.

You will receive an electronic notification from IRBNet that you package has been submitted and our office will automatically be notified it is ready for processing.

If you have any questions, please contact the Office of Compliance, Integrity, and Safety via communications through IRBNet by sending project mail or by calling [REDACTED].



Modification / Renewal Form for Approved Animal Protocol

Reset Form

This form is being submitted for an approved animal protocol:

☐ Modification of an approved Protocol

Annual Continuation / Renewal
☒ Request (with or without changes)

Does this renewal request include a modification to the project - either personnel or procedural? ☒ Yes ☐ No

Choose type of Modification ☒ Personnel ☐ Procedural ☐ Animal

General Information

[Click here for a list of Resources](#)

Protocol Title and number (if available):

Principal Investigator:

First Name		Last Name		Department	
				Office Location	
E-mail	Work Phone	Cell Phone		Building	Room

Alternate Contact:

First Name		Last Name		Department	
				Office Location	
E-mail	Work Phone	Cell Phone		Building	Room

Personnel Changes

For each change listed you MUST:

1. UPDATE YOUR APPLICATION COVERSHEET in your IRBNet package to reflect changes below including a START DATE when adding, or an END DATE when removing each person.
2. Be sure to change the access/share status OF EACH PERSON in the applicable package.
3. You must receive written notification of approval from the IACUC before implementing any changes

Name Department E-mail ☒ Add this individual to the project
☐ Remove this individual from the project

Delete this Personnel change

Identify his/her role in the project and please explain below. (This field will expand to fit.)

Training:

Indicate the completion of relevant CITI Program Courses

- | | | |
|--|---|---|
| <input type="checkbox"/> Animal Care and Use Basic Course for Student, Post-Doctoral and Staff Researchers | <input type="checkbox"/> Working with Rabbits in Research Settings. | <input type="checkbox"/> Animal Biosafety |
| <input type="checkbox"/> Animal Care and Use Basic Course for Principal Investigators | <input type="checkbox"/> Working with Rats in Research Settings. | <input type="checkbox"/> Working with the IACUC (refresher) |
| <input type="checkbox"/> Working with Fish in Research Settings | <input type="checkbox"/> Working with Mice in Research Settings. | <input type="checkbox"/> Other |
| <input type="checkbox"/> Working with Amphibians in Research Settings | <input type="checkbox"/> Post Procedure Care of Mice and Rats | |
| | <input type="checkbox"/> Wildlife Research | |

List any additional training and experience relevant to this protocol. (Field will expand as needed)

Add more personnel changes

Project Summary

1. Provide a brief progress report on research to date. (field will expand)

2. How many animals were used in the last year?

3. Are any of the procedures described in the original protocol or in the changes being made to this protocol considered painful or distressful procedures?

☐ Yes

☐ No

[What is a painful procedure?](#)

Investigator Assurances

Please check the box to indicate your acceptance of responsibility for this protocol.

- ☐ By checking this box the PI certifies that he/she is in compliance with all assurances and certifications as listed on the original form

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet Project Expiration Alert
Date: Saturday, August 31, 2019 4:36:39 AM

IRBNet Project Expiration Alert

Internal Number: [L0291], IRBNet ID# [1449361-4]

Title: Piezoelectric Fixation Plate to Deliver Fully Customized Mechanical Loading Profiles for Enhanced Osteogenesis and Vascularization in Bone Healing and to Measure Strain to Monitor Osteogenesis In Vivo
Principal Investigator: [REDACTED]

Expiration Date: August 31, 2019

Our office did not receive a request from you to renew this project for another year. According to regulations, you do not have approval from the Compliance, Integrity, and Safety Office to conduct further research for this study. All research activities for this study must be stopped now. In addition, you are required to notify our office regarding the disposition of any animals that remain in the Animal Care Facility.

Feel free to contact our office for assistance or questions you may have by contacting the IACUC at IACUC@mtu.edu or phone 487-2902.

Regards,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 30-Day Project Expiration Reminder
Date: Thursday, August 1, 2019 4:27:46 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0291], IRBNet ID# [1449361-3]

Title: Piezoelectric Fixation Plate to Deliver Fully Customized Mechanical Loading Profiles for Enhanced Osteogenesis and Vascularization in Bone Healing and to Measure Strain to Monitor Osteogenesis In Vivo

Principal Investigator: [REDACTED]

Expiration Date: August 31, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate instructions and use forms found in the IRBNet library. You can access all instructions and forms in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

You are required to complete one of the following forms found in the IRBNet animal research library:

FORM: Renewal or Modification Request

FORM: Animal Research Termination Request.

Renewal requests will be reviewed in the same manner as the original proposal and must be done on an annual basis. Failure to submit a request on time may result in suspension of your protocol and possibly suspension of your funding if applicable. If you do not respond and your project expires, it could jeopardize any funding related to this study including the possibility that you may have to return funding to the sponsor including funds already spent.

For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 45-Day Project Expiration Reminder
Date: Friday, August 2, 2019 4:33:30 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0282], IRBNet ID# [1307331-1]

Title: Effects of different forest management strategies on wildlife communities in Michigan's Upper Peninsula

Principal Investigator: [REDACTED]

Expiration Date: September 16, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate instructions and use forms found in the IRBNet library. You can access all instructions and forms in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

You are required to complete one of the following forms found in the IRBNet animal research library:

FORM: Renewal or Modification Request

FORM: Animal Research Termination Request.

Renewal requests will be reviewed in the same manner as the original proposal and must be done on an annual basis. Failure to submit a request on time may result in suspension of your protocol and possibly suspension of your funding if applicable. If you do not respond and your project expires, it could jeopardize any funding related to this study including the possibility that you may have to return funding to the sponsor including funds already spent.

For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 45-Day Project Expiration Reminder
Date: Sunday, August 4, 2019 4:43:39 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0260], IRBNet ID# [639703-9]
Title: Achilles Tendon Repair with Mussel Inspired Bioadhesives
Principal Investigator: [REDACTED]

Expiration Date: September 18, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate instructions and use forms found in the IRBNet library. You can access all instructions and forms in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

You are required to complete one of the following forms found in the IRBNet animal research library:

FORM: Renewal or Modification Request
FORM: Animal Research Termination Request.

Renewal requests will be reviewed in the same manner as the original proposal and must be done on an annual basis. Failure to submit a request on time may result in suspension of your protocol and possibly suspension of your funding if applicable. If you do not respond and your project expires, it could jeopardize any funding related to this study including the possibility that you may have to return funding to the sponsor including funds already spent.

For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 45-Day Project Expiration Reminder
Date: Tuesday, August 6, 2019 4:33:22 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0093R], IRBNet ID# [372111-8]
Title: Wolf/Moose Population Monitoring, Isle Royale Park
Principal Investigator: [REDACTED]

Expiration Date: September 20, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate instructions and use forms found in the IRBNet library. You can access all instructions and forms in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

You are required to complete one of the following forms found in the IRBNet animal research library:

FORM: Renewal or Modification Request
FORM: Animal Research Termination Request.

Renewal requests will be reviewed in the same manner as the original proposal and must be done on an annual basis. Failure to submit a request on time may result in suspension of your protocol and possibly suspension of your funding if applicable. If you do not respond and your project expires, it could jeopardize any funding related to this study including the possibility that you may have to return funding to the sponsor including funds already spent.

For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 30-Day Project Expiration Reminder
Date: Saturday, August 17, 2019 4:28:02 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0282], IRBNet ID# [1307331-1]

Title: Effects of different forest management strategies on wildlife communities in Michigan's Upper Peninsula

Principal Investigator: [REDACTED]

Expiration Date: September 16, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate instructions and use forms found in the IRBNet library. You can access all instructions and forms in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

You are required to complete one of the following forms found in the IRBNet animal research library:

FORM: Renewal or Modification Request

FORM: Animal Research Termination Request.

Renewal requests will be reviewed in the same manner as the original proposal and must be done on an annual basis. Failure to submit a request on time may result in suspension of your protocol and possibly suspension of your funding if applicable. If you do not respond and your project expires, it could jeopardize any funding related to this study including the possibility that you may have to return funding to the sponsor including funds already spent.

For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 45-Day Project Expiration Reminder
Date: Sunday, August 18, 2019 4:34:46 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0276], IRBNet ID# [1133734-3]
Title: Top Down-Bottom Up Control Experiment
Principal Investigator: [REDACTED]

Expiration Date: October 2, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate instructions and use forms found in the IRBNet library. You can access all instructions and forms in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

You are required to complete one of the following forms found in the IRBNet animal research library:

FORM: Renewal or Modification Request
FORM: Animal Research Termination Request.

Renewal requests will be reviewed in the same manner as the original proposal and must be done on an annual basis. Failure to submit a request on time may result in suspension of your protocol and possibly suspension of your funding if applicable. If you do not respond and your project expires, it could jeopardize any funding related to this study including the possibility that you may have to return funding to the sponsor including funds already spent.

For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 30-Day Project Expiration Reminder
Date: Monday, August 19, 2019 4:27:47 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0260], IRBNet ID# [639703-9]
Title: Achilles Tendon Repair with Mussel Inspired Bioadhesives
Principal Investigator: [REDACTED]

Expiration Date: September 18, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate instructions and use forms found in the IRBNet library. You can access all instructions and forms in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

You are required to complete one of the following forms found in the IRBNet animal research library:

FORM: Renewal or Modification Request
FORM: Animal Research Termination Request.

Renewal requests will be reviewed in the same manner as the original proposal and must be done on an annual basis. Failure to submit a request on time may result in suspension of your protocol and possibly suspension of your funding if applicable. If you do not respond and your project expires, it could jeopardize any funding related to this study including the possibility that you may have to return funding to the sponsor including funds already spent.

For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 45-Day Project Expiration Reminder
Date: Monday, August 26, 2019 4:33:18 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0250], IRBNet ID# [511099-24]

Title: The role of (pro)renin receptor in hypertension and associated heart dysfunction

Principal Investigator: [REDACTED]

Expiration Date: October 10, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate instructions and use forms found in the IRBNet library. You can access all instructions and forms in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

You are required to complete one of the following forms found in the IRBNet animal research library:

FORM: Renewal or Modification Request

FORM: Animal Research Termination Request.

Renewal requests will be reviewed in the same manner as the original proposal and must be done on an annual basis. Failure to submit a request on time may result in suspension of your protocol and possibly suspension of your funding if applicable. If you do not respond and your project expires, it could jeopardize any funding related to this study including the possibility that you may have to return funding to the sponsor including funds already spent.

For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 30-Day Project Expiration Reminder
Date: Monday, September 2, 2019 4:27:51 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0276], IRBNet ID# [1133734-3]
Title: Top Down-Bottom Up Control Experiment
Principal Investigator: [REDACTED]

Expiration Date: October 2, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate instructions and use forms found in the IRBNet library. You can access all instructions and forms in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

You are required to complete one of the following forms found in the IRBNet animal research library:

FORM: Renewal or Modification Request
FORM: Animal Research Termination Request.

Renewal requests will be reviewed in the same manner as the original proposal and must be done on an annual basis. Failure to submit a request on time may result in suspension of your protocol and possibly suspension of your funding if applicable. If you do not respond and your project expires, it could jeopardize any funding related to this study including the possibility that you may have to return funding to the sponsor including funds already spent.

For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](mailto:Office of Compliance, Integrity, and Safety on behalf of Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>) on behalf of Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>
To: [Courtney Holzberger](#); [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 45-Day Project Expiration Reminder
Date: Monday, September 2, 2019 4:33:10 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0231], IRBNet ID# [390291-8]
Title: Rodent Sentinel Animal Use in ACF
Principal Investigator: Courtney Holzberger, BS

Expiration Date: October 17, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate instructions and use forms found in the IRBNet library. You can access all instructions and forms in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

You are required to complete one of the following forms found in the IRBNet animal research library:

- FORM: Renewal or Modification Request
- FORM: Animal Research Termination Request.

Renewal requests will be reviewed in the same manner as the original proposal and must be done on an annual basis. Failure to submit a request on time may result in suspension of your protocol and possibly suspension of your funding if applicable. If you do not respond and your project expires, it could jeopardize any funding related to this study including the possibility that you may have to return funding to the sponsor including funds already spent.

For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 15-Day Project Expiration Reminder
Date: Tuesday, September 3, 2019 4:27:53 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0260], IRBNet ID# [639703-9]
Title: Achilles Tendon Repair with Mussel Inspired Bioadhesives
Principal Investigator: [REDACTED]

Expiration Date: September 18, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate instructions and use forms found in the IRBNet library. You can access all instructions and forms in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

You are required to complete one of the following forms found in the IRBNet animal research library:

FORM: Renewal or Modification Request
FORM: Animal Research Termination Request.

Renewal requests will be reviewed in the same manner as the original proposal and must be done on an annual basis. Failure to submit a request on time may result in suspension of your protocol and possibly suspension of your funding if applicable. If you do not respond and your project expires, it could jeopardize any funding related to this study including the possibility that you may have to return funding to the sponsor including funds already spent.

For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Courtney Holzberger](#) on behalf of [Courtney Holzberger <crholzbe@mtu.edu>](#)
To: [Office of Compliance, Integrity, and Safety](#); [REDACTED]
Subject: Fwd: Removing animals from ACF in regular cages instead of transport cages
Date: Friday, September 6, 2019 3:55:54 PM

FYI- so all of you are aware of how I handled this and have a history if it's needed, going forward.

----- Forwarded message -----

From: **Courtney Holzberger** <crholzbe@mtu.edu>
Date: Fri, Sep 6, 2019 at 3:54 PM
Subject: Removing animals from ACF in regular cages instead of transport cages
To: [REDACTED]
Cc: [REDACTED]

[REDACTED], this is a follow up to our phone conversation. I have cc'ed [REDACTED] on this email so that the situation is clear to her as well.

We discussed your student - [REDACTED] - removing animals from the ACF in regular clear rat cages. The animals were visible to passers-by, including one of my colleagues who spotted her outside of the ACF with the animals. I asked you via email to discuss this with [REDACTED], and she indicated to you that she forgot she was supposed to switch the animals to opaque transport cages and she apologized. I acknowledged her apology and asked you to remind her that if she forgot again, her ACF access would be in jeopardy. Transporting animals when they are visible to passers-by is a violation of IACUC rules.

Please let me know if you have any follow up comments or questions.

Thanks,
Courtney

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Courtney R. Holzberger, '15, '18, MBA, MLS
ACF Director
Supervisor of Institutional Animal Care
Research Integrity
Michigan Technological University
[REDACTED]

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Courtney R. Holzberger, '15, '18, MBA, MLS
ACF Director
Supervisor of Institutional Animal Care
Research Integrity
Michigan Technological University
[REDACTED]

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety <no-reply@irbnet.org>](#)
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 30-Day Project Expiration Reminder
Date: Sunday, September 8, 2019 4:31:03 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0273], IRBNet ID# [941560-7]

Title: Wirelessly Actuated Fixation Plate to Deliver Fully Customized Mechanical Loading Profiles for Enhanced Osteogenesis and Vascularization in Bone Healing

Principal Investigator: [REDACTED]

Expiration Date: October 8, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate instructions and use forms found in the IRBNet library. You can access all instructions and forms in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

You are required to complete one of the following forms found in the IRBNet animal research library:

FORM: Renewal or Modification Request

FORM: Animal Research Termination Request.

Renewal requests will be reviewed in the same manner as the original proposal and must be done on an annual basis. Failure to submit a request on time may result in suspension of your protocol and possibly suspension of your funding if applicable. If you do not respond and your project expires, it could jeopardize any funding related to this study including the possibility that you may have to return funding to the sponsor including funds already spent.

For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Office of Compliance, Integrity, and Safety](#) on behalf of [Office of Compliance, Integrity, and Safety](#) <[REDACTED]>
To: [REDACTED]
Cc: [Office of Compliance, Integrity, and Safety](#)
Subject: IRBNet 45-Day Project Expiration Reminder
Date: Sunday, September 8, 2019 4:37:52 AM

This is a courtesy reminder that the following project is nearing the expiration date.

Internal Number: [L0243], IRBNet ID# [394822-7]
Title: Flow analysis in a canine aneurysm model
Principal Investigator: [REDACTED]

Expiration Date: October 23, 2019

Your response is required to notify our office if you plan to renew (with or without changes), or to close the project if it is now complete or was never initiated.

Follow the appropriate instructions and use forms found in the IRBNet library. You can access all instructions and forms in IRBNet by clicking the "forms and templates" button on the left side of the page, and then choosing the applicable document from the IRB library list.

You are required to complete one of the following forms found in the IRBNet animal research library:

- FORM: Renewal or Modification Request
- FORM: Animal Research Termination Request.

Renewal requests will be reviewed in the same manner as the original proposal and must be done on an annual basis. Failure to submit a request on time may result in suspension of your protocol and possibly suspension of your funding if applicable. If you do not respond and your project expires, it could jeopardize any funding related to this study including the possibility that you may have to return funding to the sponsor including funds already spent.

For additional information please contact the IACUC at IACUC@mtu.edu. To access your projects, click here and log in at: irbnet.org

Thank you,
The Office Compliance, Integrity, and Safety

From: [Tue, Sep 10, 2019](#) on behalf of [Tue, Sep 10, 2019 <\[REDACTED\]>](#)
To: [iacuc](#)
Subject: VM FROM MTU
Date: Tuesday, September 10, 2019 6:16:25 AM

Tuesday, September 10, 2019

Receiving Email: iacuc@mtu.edu

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