

CORES Newsletter

January 2019

Lab Safety

WSU recently updated the Lab Safety Manual. The new document can be found at: <https://ehs.wsu.edu/laboratory-safety-manual/>. Please encourage your research staff to review the document.

IACUC Updates

The Guide for the Care and Use of Laboratory Animals requires that “each institution must establish and maintain an occupational health and safety program (OHSP) as an essential part of the overall Program of animal care and use (CFR 1984a,b,c; DHHS 2009; PHS 2002). AAALAC has cited WSU at the last 2 site visits for low enrollment. The Medical Questionnaire is found at the end of the OHT-A training: <https://myresearch.wsu.edu/Compliance/IACUC/OHTMedicalQuestionnaire.aspx>. To encourage participation in the Occupational Health Program, the Office of Research will cover the cost. If an invoice is received, please forward it to the IACUC Office.

Alan Ekstrand, Assistant Director, IACUC, will be on campus January 24th. He will be located in PBS 120J. He is available to meet with investigators to discuss any topics of interest. Please contact Alan to set up an appointment.

Vet Corner

Autoclave Certification: *The Guide for the Care and Use of Laboratory Animals* requires that “sterilization indicators should be used to validate that materials have been properly sterilized (page 119)”. WSU IACUC SOP-5 requires that:

AUTOCLAVE UNITS: Autoclave units used to sterilize caging and equipment used in animal care are monitored to ensure the unit is working properly and sterilization is being achieved.

- a. A steam sterilization integrator strip **is run with each load** processed in the autoclave unit.
- b. A biological indicator **is used monthly** to test autoclave units

PLAR performs these tests routinely on the autoclaves located within the facilities. If autoclaves outside the facility are used to sterilize equipment or surgical supplies, the laboratory is responsible for the performance of the testing.

Vivarium

Health Reports: The most recent health testing was completed at the end of December 2019. The rodent colonies continue to be free of all viruses and pathogens. Please ask your staff to comply with the PPE requirements that are posted on the door of each room. This will help to maintain the health status.

Veterinarian Search: The search for a veterinarian continues. An applicant will be on campus the week of January 28th. A time will be scheduled with investigators have a chance to meet with her.

Cage Cards: It has been observed that research staff are placing cage cards for labs other than their own on the cages. Each PI has a labeled box in the room that holds cage cards created just for them. Please remind your staff to use cards from the appropriate box.

Additionally, the information required on the cage cards is not being completed. *The Guide*, page 75, states: "Identification cards should include the source of the animals, the strain or stock, names and contact information for the responsible investigator(s), pertinent dates (e.g., arrival date, birth date, etc.) and protocol number when applicable. Genotype information, when applicable, should also be included, and consistent, unambiguous abbreviations should be used when the full genotype nomenclature is too lengthy."

Contact Person: Merle J Heineke (87889 or merle.heineke@wsu.edu)

Flow Cytometry

New rates went into effect January 1, 2019. Please see the website for the rates.

Contact Person: Ze Liu (87633 or ze.liu@wsu.edu)

Mass Spec

Education Opportunity: "Waters Corporation Educational Seminar. Introduction to LC Mass Spectrometry - First in a three part series of educational seminars, focusing on the basic theory and application of LC Mass Spectrometry given by Dr. Suraj Dhunagana, Health Sciences Field Marketing Manager at Waters. Next two seminars to follow: Introduction to LCMS Sample Prep and Introduction to LCMS Column Selection. Each seminar will be followed by an informal career development discussion, careers in chromatography and Mass Spectrometry."

Hosted by Justin Chang - Waters Mass Spectrometry Specialist. Refreshments provided.

Wednesday February 20th, 2019 - 10 to 11am. Please contact Ze Liu to reserve a seat at the presentation

New rates went into effect January 1, 2019. Please see the website for the rates.

Contact Person: Ze Liu (87633 or ze.liu@wsu.edu)

Microscopy/Imaging/Histology

New Microscopy Equipment: The Leica Confocal is being upgraded January 2019 to allow for dramatically improved functionality. The microscope will be disabled during this upgrade and the room will need to be lit while the technicians are working. Current users will also need brief retraining after the upgrade is complete, as there will be multiple new moving parts and software interface changes. Room and instrument availability will be noted on the 230N door calendar during this process to reduce confusion.

Histology: As of January 1, the equipment in the histology CORE is no longer available for general use. This includes the microtome and embedding station. Training is still available for educational purposes, but moving forward, sample processing will be handled exclusively by CORE staff.

Recently, some samples have been submitted for histology stored in an inadequate volume of fixatives. Proper formalin fixation is heavily dependent on the ratio of tissue to fixative, and inadequate fixative volume can result in underfixed tissue even after extended storage. Reliable complete fixation requires a minimum fixative to tissue ratio of 20:1. Please refer to the [CORE SOP](#) for additional information on preparing tissue for H & E staining.

New rates went into effect January 1, 2019. Please see the website for the rates.

Contact Person: Megan Chastain (87839 or megan.chastain@wsu.edu)

Genomics

Contact Person: Dr. Yiyong (Ben) Liu (86741 or yiyong.liu@wsu.edu)

NMR

Contact Person: Dr. Zuping Xia (86575 or Zuping.siz@wsu.edu)

Mailing Service Changes Effective July 1, 2019

As our WSU Health Sciences Spokane campus continues to grow, the Mailing, Shipping, and Receiving Services unit is implementing several leaner business processes on July 1, 2019 to better support our campus and colleges, as follows:

<u>Current Practices:</u>	<u>New Practices:</u>
Two Campus mailing/shipping address: Mail: PO Box 1495 Shipping 412 E Spokane Falls Blvd	One campus mailing/shipping address: 412 E Spokane Falls Blvd Spokane, WA 99202-2131
Current Mailing/Shipping Deadlines: 2 pm – ‘Shipping Request’ forms 2 pm – Outgoing shipments 10:30 am – Intercampus & UPS pickup 3 pm – Shipping drop-off at mail/shipping office 3 pm – Late intercampus & USPS at SAC 130	Note: You may start using this address now; No mail forwarding will occur after 7/1/2019 New Mailing/Shipping Deadlines: 10 am – ‘Shipping Request’ forms 10:30 am – Outgoing shipments 10:30 am – Intercampus & USPS pickup 1 pm – Shipping drop-off at mail/shipping office 2 pm – Late intercampus & USPS at SAC 130

IMPACTS – Business Operations

- ‘Shipping Request’ forms must be submitted for accountable mail or mail pieces weighing over 13 oz; contact Mail, Shipping and Receiving Services unit for details and requirements: CCRS Room 410A, 509 368 6995, spok.fac.ship@wsu.edu
- Consider using current business stationary inventory by overlaying new address label or order new stationary and business cards reflecting address change to: 412 E Spokane Falls Blvd, Spokane, WA 99202-2131.
- Please notify all correspondents of campus address changes to ensure delivery
- **Dry Ice shipments:** The ‘Shipping Request’ form should be submitted the day before the shipment will be going out. Research staff will need to deliver the material to Ze Liu prior to the 10:30 am deadline.

Reasonable accommodations will be considered for special circumstances. Please contact Mailing Services at 509 368 6995, spok.fac.ship@wsu.edu

