BU Accident/Incident Reporting Summary July to September 2016 (Quarter 3)								
**CAMPUS	Date of Incident	Incident Type/Agent Involved	BSL	Transmissible Person to Person	Description	*Reportable Incident	Report of Clinical Illness	Comments/Corrective Actions
BU Medical Campus (BUMC)								
BUMC	7/12/16	Sharp injury while working with baboon tissue with shiga-2 toxin	ABSL2	No	A research tech working with baboon tissue reported she accidentally cut her finger with a scalpel through one pair of gloves. She was holding the scalpel at the time and thinks she cut herself accidentally due to placement of her own hand.	Yes	No	The researcher will be trained by her principal investigator on the proper procedure of tissue dissection. This includes the proper PPE selection, including the use of two pairs of gloves as well as the proper technique for utilizing a scalpel during tissue dissection.
BUMC	7/15/16	Mouse bite to left index finger	ABSL2	No	A PhD student researcher was bit by a clean, non transgenic mouse that had just been injected with buprenorphine for sedation. He was wearing one pair of gloves restraining a mouse when the mouse went too far into the decapicone. As he tried to cut open the decapicone to help relieve the mouse from suffocation, it got loose turned around and bit him on his left index finger. No other biological hazards were involved.	No	No	Personnel are advised to exercise more caution in gripping the device and more focus on safely extracting the mouse.
BUMC	7/22/16	Bite to left ring finger from transgenic mouse with diphtheria toxin	ABSL2	No	A research technician reported she was bit on her finger while handling a mouse through 2 pairs of gloves. The mouse was transgenic, had been injected with Diphtheria toxin 3 days prior. The transgenic mouse is resistant to diphtheria toxin due to lack of a Diphtheria toxin receptor. The mouse does not get sick and is not susceptible to diphtheria toxicity.	Yes	No	Besides being advised at follow-up interview to be extra careful with mice during long experiments no further action is required.
BUMC	7/27/16	Mouse bite to right middle finger	ABSL1	No	While a research assistant was scruffing a mouse in the Lab Animal Training facility, he was accidentally bit at 10:35am by this non-experimental ABSL1 mouse on his right middle finger through one pair of gloves and sustained a scratch. No hazardous agents were involved. The researcher was evaluated, treated in ROHP and will follow up as needed.	Yes	Yes	Complete training with the BUASC training instructor on mouse handling and injections.
BUMC	7/29/16	Macaca Mulatta bite to right index finger	ABSL2	No	A researcher reported that she was bit on her finger by a macaque mulatta through 2 pairs of gloves while trying to reward the non-human primate after a procedure, when the primate bit her. She was evaluated and treated in an emergency room with 3 sutures and followed up with ROHP.	Yes	Yes	Develop/re-evaluate SOP for monkey related injury response and train entire lab's research staff on the proper incident response procedures.
BUMC	8/3/16	Right hand contusion	ABSL2	No	An animal care worker walked into ROHP today at 12:30pm reporting he accidentally hit his right hand against a broken door handle as he was trying to pull a cart of animals and animal supplies through. He sustained a contusion and superficial cuts on the dorsum of his hand. He was evaluated, treated in ROHP, is back to work and has a follow up August 5th for reassessment. Facilities has been contacted and has confirmed that the sharp edges of the door handle have been taped up and parts to repair door have been ordered.	No	No	Contact FMP to cover sharp edges of door handle; replace affected part
BUMC	8/8/16	Right thumb nail bed cut from microtome blade	ABSL2	No	A medical student researcher reported he sustained a cut to his right thumb nail bed from a microtome blade wearing one pair of gloves when the microtome machine (which was not locked) with its gravity came down causing his right thumb nail to hit the blade. The blade was “clean” and never used on any biologics or other hazardous agents.	Yes	No	Re-train personnel on the proper operation of the microtome and its safe-guards

BUMC	8/9/16	Left hand contusion	ABSL2	No	An animal care worker sustained a hand contusion when pulling a clean mouse cage through double doors when the double door closed between her left hand and the cart.	No	No	The BUASC managers have made the transport of these large carts a two-person task rather than a single person task. This will allow for safer handling of large carts and equipment.
BUMC	8/17/16 (Reported)	Mouse bite to left thumb	ABSL2	No	A visiting scholar was visiting ROHP for another reason when she reported she had a mouse bite the previous month while weighing a mouse. The exact date of the incident is unknown. The mouse was a clean, non transgenic, and never exposed to any hazardous biological materials or toxins. She concluded that the incident was not dangerous, she did not seek medical treatment or report the incident at that time.	No	No	Complete training with the BUASC training instructor on mouse handling and injections.
BUMC	8/18/16	Mouse bite to left index finger	ABSL2	No	An undergraduate researcher was bit by a mouse while preparing to it an injection, the mouse turned its head and bit the back of his finger. The non transgenic mouse had previously been injected with AAV.	Yes	No	The researcher should consult with the BUASC Training Coordinator to review the details of the incident as well as proper animal handling and restraint techniques.
BUMC	9/7/16	Sharp injury to right thumb	ABSL2	No	A master's student called ROHP to report while wearing one pair of gloves he accidentally snapped a glass capillary tube containing rat blood in half and the tube got caught in his right thumb. The rat was not transgenic and did not contain any hazardous agents.	Yes	No	Due to a lack of procedural experience, the researcher should be re-trained on proper capillary tube handling techniques, sealant application and hazards associated with this procedure.
BUMC	9/16/16	Mouse bite to left index finger joint	ABSL1	No	A research assistant reported she was bit by an ABSL1 transgenic mouse that did not have any biological hazardous agents sustaining a superficial bite on her left index finger joint. The mouse turned and bit her finger as she was about to give it an injection.	Yes	No	Recommendation is that the researcher employ a firmer grasp to hold mice while giving first injection for this procedure.
Charles River Campus (CRC)								
CRC	7/11/16	Chemical burn (topical exposure) to Pentafluorophenol	BSL2	No	A PhD student had a topical exposure to Pentafluorophenol powder that had gotten under her lab coat sleeve and was likely on her left forearm for less than a minute.	No	No	Reduce amount of chemical used. Wear lab coat with cuffs.
CRC	8/9/16	Chemical exposure to a mixture of chemicals	BSL2	No	A graduate student researcher reported he may have inhaled a chemical mixture while performing DNA isolation and noticed that his temporary waste container looked brown. He was concerned about organism growth in the container, so he added approximately 20-25ml of bleach. Environmental health and safety found no concerning gas.		No	Lab personnel should be advised not to mix bleach with other chemicals without reading the SDS beforehand. The grad student confirmed that he would be more careful when using bleach as a disinfection.
CRC	8/26/16	Inhalation exposure to chemical liquid	BSL2	No	A graduate student sustained an inhalation exposure to trimethylphosphine with a few drops on the protective glove of one hand. He brought his hand to his face to adjust his safety goggles and "got a whiff" of the chemical. He experienced some coughing for a few minutes and removed himself from the exposure.	No	Yes	Revise procedure: Do not detach the used syringe and needle.
CRC	9/15/16	Chemical splash to face and mouth		No	A graduate student called ROHP to report a chemical splash when working with tetrabutylammonium flouride with 2 drops landing on his chin and jaw, and one drop landing in his mouth, causing a tingling sensation.	No	Yes	Revise procedure: to avoid tension on needle, lower the syringe pump before detaching the needle. Use fume hood sash as shielding when detaching needle.
National Emerging Infectious Disease Laboratory (NEIDL)		**No incidents**						
NEIDL								

Other - Collaborating Laboratory		**No incidents**						

**** Indicates if incident is reportable to local, state or federal agency (e.g. Centers for Disease Control, National Institutes of Health, Boston Public Health Commission, etc.)***

**** Campus Location**

BUMC - Boston University Medical Center

CRC - Charles River Campus

NEIDL - National Emerging Infectious Disease Laboratories

Other - work done at collaborating laboratories