

**BU Agent Incident Reporting Summary April 2014 to June 2014 (Quarter 2)**

<b>**CAMPUS</b>	<b>Date of Incident</b>	<b>Incident Type/Agent Involved</b>	<b>BSL</b>	<b>Transmissible Person to Person</b>	<b>Description</b>	<b>*Reportable Incident</b>	<b>Report of Clinical Illness</b>	<b>Comments/Corrective Actions</b>
<b>BU Medical Campus (BUMC)</b>								
BUMC	4/17/14	Inhalation	BSL2	No	On 4/17/14, a lab technician experienced mucus membrane irritation, dizziness, and cough while using a "concentrator" device to concentrate samples of RNA in glycerol. She reports that these symptoms may have been associated with a chemical smell in the air when this machine is in use. The machine was taken out of use prior to repair, and the technician received medical evaluation and treatment.	No	Yes	Work in Fume Hood with hazardous chemicals.
BUMC	4/22/14	Inhalation	BSL1	No	On 4/22/14, a dental materials technician reported mucus membrane irritation and coughing related to inhalation of a chemical odor (aldehydes and some unknown odor) during a 20 minute power outage on 4/21/14. At 3:30 pm, the power had gone out, causing the fume hood to stop working, but he felt that he was unable to leave the area because of the work being done. The symptoms continued throughout the evening and were diminished in the morning. The technician received medical evaluation and treatment on 4/22. He received additional training related to emergency evacuation procedures and to prompt reporting and medical evaluation related to exposure incidents.	No	Yes	A Facilities work order was placed for the Fume Hood in R509D
BUMC	4/23/14	Mouse Bite	BSL1	No	On 4/23/14, an Animal Technician presented with a mouse bite on his left thumb. The mouse was a "clean" mouse used for breeding and/or training events, and the employee sustained the bite while participating in a training that did not involve the use of any chemical or biological agents. Following the incident, the employee washed the wound with soap and water, and he later received a tetanus booster vaccination. The mouse bite was reported to the BPHC.	Yes	No	Allow animal to rest between trials to prevent stress.
BUMC	4/28/14	Laceration	n/a	No	On 4/28/14, an Animal Caretaker at the LASC sustained a laceration to his left thumb. While tossing black-bagged trash from a loading dock into a compactor, he cut his left thumb on an unknown object inside one of the bags. He noticed the injury right away, but the bag had already landed in the compactor. He could not be sure which bag had caused the injury, and he did not attempt to retrieve the bag to check the source of the injury. The employee was medically evaluated and treated with first aid. The employee and the supervisor report that there was no reason to believe that there was any biological waste or sharps inappropriately placed in the black bag trash.	No	No	The supervisor and Sr. Research Safety Specialist suggested grabbing each bag at the knot to remove from the trash buggy.
BUMC	5/8/14	Mouse Bite	BSL1	No	On 5/8/14, an animal care technician was bitten on the left index finger by a mouse. The employee immediately cleaned the wound, reported the incident to his supervisor, and came to ROHP for evaluation and treatment. The mouse was "clean", and had not been exposed to any biological or chemical hazards. The mouse bite was reported to the BPHC.	Yes	No	Refresher training

BUMC	5/9/14	Rat Bite	BSL1	No	On Friday, 5/9/14, an animal care technician was bitten on the right 4th finger by a rat. While removing a food container from the rat's cage, the rat bit her finger. The employee immediately cleaned the wound, reported the incident to a supervisor, and sought medical evaluation and treatment. The rat was "clean", and had not been exposed to any biological or chemical hazards. The rat bite was reported to the BPHC.	Yes	No	Refresher training
BUMC	5/15/14	Laceration	BSL2	No	On 5/15/14 a post-doc fellow made an initial report of a laceration and exposure to a human cell line in mid-February of 2014. Human melanoma cells were in use in this lab, which were then grown in mice as xenografts. While cutting this excised, frozen tissue with a cryostat, the post-doc sustained a small cut in her finger from the contaminated blade. After she reported the incident, she was medically evaluated and treated using the Blood Borne Pathogens protocol. The post-doc received additional training related to incident reporting.	No	No	Retrain laboratory personnel on emergency response.
BUMC	5/28/14	Puncture Wound	BSL2	No	On 5/28/14, a post-doc fellow made an initial report of a puncture wound while working in the lab on 5/8/14. After removing a (clean) combination needle and syringe from its sealed package, she accidentally punctured the back of her left index finger at the (PIP) knuckle joint. This was treated as a first aid incident. The post-doc received additional training related to incident reporting.	No	No	Retrain laboratory personnel on emergency response.
BUMC	6/4/14	Puncture Wound	BSL2	No	On 6/4/14, an animal technician reported a percutaneous exposure to a used needle from an injection performed on a chinchilla. She reports that an antibiotic had been injected and as the needle was being pulled out, the animal moved and caused to needle to puncture the employee's double gloved left index finger. The next day, the puncture area became red, inflamed and sore. She was medically evaluated and treated with an antibiotic at that time.	No	Yes	Recommended placing the sharps container to the right to eliminate the need to reach for disposal, and use re-sheathing needle; LASC will provide.
BUMC	6/19/14	Puncture Wound	BSL2	No	On 6/19/14, a post-doc associate presented at ROHP to report a percutaneous exposure to a contaminated instrument. While holding a forceps tool in his left hand and moving it to another location in the lab, he accidentally touched the tips of the forceps to his right index finger, pinching and breaking the skin in two places. For the past week, this contaminated tool had been exposed to several biological and chemical agents, and had been used intermittently by different lab members. The injury was medically evaluated and treated with first aid.	No	No	It was recommended the researcher disinfect the tools between uses. The forceps were not being used but only moved. If they were disinfected between uses there wouldn't have been the concern of infectious material.
BUMC	6/29/14	Laceration	BSL2	No	On, 6/29/14, an undergraduate researcher sustained a laceration on his right index finger. While at work in the lab, he took out a box of new, clean (but not sterile) blades. While sliding a blade out of the container, he held the right index finger too close to the blade as it emerged, slicing the tip of his finger. After 20 minutes of applying pressure to the laceration, he went to the BMC – ER for evaluation and treatment. No sutures or vaccinations were needed in the ER, but the staff provided first aid level care for the wound.	No	No	After interview, student reviewed the standard protocol for working with blades with EHS staff, including the proper Personal Protective Equipment to wear, which was available in the lab. Also will receive more training on protocol from Supervisor, as well as timing experiments for when more experienced personnel are present.
Charles River Campus (CRC)								

CRC	4/3/14	Laceration	BSL2	No	On 4/3/14, an undergraduate student sustained a small laceration to his finger. The laceration was caused by a scalpel blade which was contaminated with unfixed human cadaver tissue. The student sought medical attention and was evaluated and treated using the Blood Borne Pathogens protocol.	No	No	Increase awareness of procedure.
CRC	4/22/14	Rat Bite	BSL2	No	On 4/22/14, at 11:00 am, an undergraduate student sustained a rat bite to the palm of her right hand (though a protective glove) while working in a lab. The rat involved in this incident had last participated in experimental self-administration of cocaine on 4/18/14, and was otherwise a "clean" rat. Following the incident, the student received medical evaluation and first aid treatment. The rat bite was reported to the BPHC.	Yes	No	N/A. Please see follow up.
CRC	6/10/14	Laceration	BSL2	No	On 6/10/14, a research technician reported a laceration to her forehead, which occurred when she bent over to look at some tissue that she was cutting, accidentally touched her forehead to the upper part of the microtome blade. This was a laceration with no exposure to hazardous materials. She was medically evaluated and received first aid treatment.	No	No	Review and revision of microtome SOP.
<b>National Emerging Infectious Disease Laboratory (NEIDL)</b>		<b>No incidents</b>						
<b>Other - Collaborating Laboratory</b>		<b>No incidents</b>						

*\* 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