

**BU Accident/Incident Reporting Summary April 2016 to June 2016 (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	4/5/16	Topical chemical exposure to acid and dye to left thumb	BSL2	No	Report of topical exposure to 10 microliters of "CBB" (a mixture of 50% methanol, 10% acetic acid, 0.1% blue dye, and 40% water) to a researcher's thumb due to a rip in the glove while preparing to stain.	No	No	The laboratory researcher will inspect her personal protective equipment prior to conducting any research tasks.
BUMC	4/7/16	Non bloodborne pathogen laceration to left hand	BSL2	No	A Lab Animal Caretaker reported a hand laceration to a broken piece of plastic which was sticking out of a glove dispenser. Neither his gloved hand nor the glove dispenser contaminated with any biological or chemical agents.	No	No	Report all broken or damaged equipment, upon discovery, to the department supervisor to address.
BUMC	4/8/16	Non bloodborne pathogen sharps exposure to left thumb	BSL2	No	An undergraduate student and volunteer reported a sharp injury to hand when she used a microtome blade to change the specimen that had mouse tissue in paraffin wax.	Yes	No	Supervisors of the student readdressed the SOP for the microtome, specifically the safety measures to protect against injury.
BUMC	4/12/16	Hamster with mouse prion bite to thumb	ABSL2	No	A vet tech wearing double gloves was bit by a hamster that had been inoculated with mouse prion 60 days ago. She immediately washed with 3% chloroxlyenol followed by wash with 10% bleach.	Yes	No	Vet Tech will meet with BUASC Training Coordinator to review the process of handling, restraining and treating hampsters in order to prevent similar incidents in the future.
BUMC	4/14/16	Eye and face exposure to chemical agent	BSL2	No	A researcher sustained a splash of "C1 Cell Harvesting Agent" to eye and face. The agent contains no infectious agent.	No	No	Lab researchers who use the instrumentation will wear safety glasses along with gloves and lab coat as the appropriate PPE. It is highly unlikely there will be any further issues.
BUMC	4/15/16	Mouse bite to left index finger	ABSL1	No	A graduate student sustained a mouse bite to a finger through two pairs of protective gloves. The mouse was "clean", and had not been exposed to any infectious or toxic agents.	No	No	BUASC personnel were re-trained on procedure.
BUMC	4/15/16	Mouse bite to left index finger	ABSL1	No	A post doc sustained a mouse bite to his finger through one pair of protective gloves. The mouse was "clean" and had not been exposed to any infectious or toxic agents.	No	No	BUASC personnel were re-trained on procedure.
BUMC	4/22/16	Rat bite to left thumb	ABSL2	No	An animal care technician sustained a rat bite to her left thumb. The rat was considered "clean" with no chemicals or toxins or infectious agents.	Yes	No	BUASC personnel were re-trained on procedure.
BUMC	4/25/16	Mouse bite to right index finger	ABSL1	No	A researcher training to do saline injections was accidentally bit by a mouse with no hazardous agents.	Yes	No	Personnel scheduled to conduct further training with the LASC to ensure proper technique and display comfort in conducting saline injections in mice.
BUMC	5/9/16	Splash droplet of EDTA/buffered Saline to right eye	BSL2	No	A research assistant sustained a splash exposure of a droplet of EDTA (Ethylenediaminetetraacetic Acid) with buffered Saline to her eye while cleaning up the lab bench.	No	No	Personnel advised to wear appropriate PPE when working in the lab and have procedures in place requiring PPE to be worn.
BUMC	5/11/16	Possible Blood Borne Pathogen Exposure-Laceration to right index finger with microtome blade		No	A PhD student accidentally cut her finger on a microtome blade while wearing one pair of gloves when she she reached into a box that contained pens and metal pieces for the machine when getting ready to use the cryostat machine.	Yes	No	All sharps present in lab W615, including microtome blades, will be placed in fully encapsulated secondary containment when not in use.
BUMC	5/17/16	Possible Blood Borne Pathogen and chemical exposure to eyes	BSL2	No	A lab technician reported she sustained a splash to her right eye and maybe to her left eye while trying to isolate RNA from human fibroblast cells.	Yes	No	The researcher will don eye protection when conducting the said research.
BUMC	5/24/16	Clean mouse bite to left index finger	ABSL1	No	A veterinarian technician reported she sustained a clean mouse bite. There were no chemicals or hazardous agents involved with this mouse.	Yes	No	Staff were advised to maintain awareness while handling animals.

BUMC	5/27/16	Mouse bite to left index/middle finger	ABSL2	No	PhD student sent an email that he was bitten by a mouse on his finger two days prior when he grabbed a non-transgenic mouse as it was being injected with lentivirus. He reports that the bite did not pierce through his gloves or his skin.	No	No	BUASC personnel were re-trained on procedure.
BUMC	5/29/16	Sharps injury with potential blood born pathogen exposure	BSL2	No	A graduate student felt a sharp pain on his finger while handling a needle that he been used to inject a human hepatocellular carcinoma cell line to non transgenic nude mice.	Yes	No	All lab personnel were retrained by EHS on proper handling of sharps.
BUMC	6/27/16	Chemical splash to eye	BSL1	No	An animal care technician working in a cage wash room sustained a splash drop of bleach to his eye while diluting 100% bleach into water despite wearing full PPE.	No	No	The Animal Care Technician is to be retrained on proper PPE donning and utilization and on the proper procedure of diluting bleach safely. This retraining is to be conducted by
<b>Charles River Campus (CRC)</b>								
CRC	6/6/16	Clean mouse to bite left index finger	ABSL1	No	A vet tech reported she was bit on her finger through two pairs of gloves by a clean mouse. No biological or hazardous agents were involved.	No	No	Personnel advised to exercise caution when handling and restraining animals.
CRC	6/13/16	Possible blood borne pathogen exposure-Sharp injury from human bone fragment	BSL2	No	A medical student reported she sustained a sharp injury to her finger from a loose bony fragment from a cadaver.	Yes	No	Lab personnel will review the SOP and verify training efficacy; materials that have previously been improperly dissected will be held for supervisor review.
CRC	6/22/16	Hand laceration from broken flask containing chemicals		No	A post doc sustained a laceration to his hand when a flask containing chemicals broke resulting in follow up with the emergency room and occupational health.	Yes	Yes	Lab personnel will substitute previously-used reagents with lower-hazard alternatives
CRC	6/29/16	Chemical exposure to 2% sulfa dioxide and nitrogen		No	A researcher reported he may have been exposed to 2% sulfur dioxide and 98% nitrogen for a few seconds as he opened a valve to the tank.	No	No	Researcher will double check regulator before releasing gas valve.
<b>National Emerging Infectious Disease Laboratory (NEIDL)</b>								
NEIDL	5/3/16	Laceration to head		No	A staff sustained a laceration to his head when he accidentally hit his head against a pipe while working in filter housing. No hazardous agents were involved.	No	No	Wear appropriate PPE (Hardhat) while off egress path & recommend foam insulation on obvious protrusions.
<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