

BU Agent Incident Reporting Summary July to September 2018

| **CAMPUS | Date of Incident | Incident Type/Agent Involved | BSL | Transmissible Person to Person | Description | *Reportable Incident | Report of Clinical Illness | Agency Incident Reported To | Comments/Corrective Actions |
|---------------------------------|------------------|--|-------|--------------------------------|--|----------------------|----------------------------|-----------------------------|--|
| BU Medical Campus (BUMC) | | | | | | | | | |
| BUMC | 7/2/18 | Mouse bite to left thumb and index fingers | ABSL1 | No | ROHP received a phone call from the Lab Animal Training Coordinator that an undergraduate research assistant was bitten twice by two different mice on two separate occasions. The mice were non transgenic and did not contain any biological or hazardous agents. She was evaluated, treated and counseled in ROHP. | Yes | No | BPHC | This person will complete additional training sessions with the ASC Training Coordinator until competent with the relevant procedures. |
| BUMC | 7/6/18 | Puncture wound to left middle finger | ABSL1 | No | A first year graduate student came to ROHP today to report an injury in the lab. He states he was cleaning surgical instruments which had just been used for micro-vascular surgery on a naïve rat, when he accidentally stuck himself. | Yes | No | BPHC | The Researcher has been educated on the sharps hazard present when working with this instrument. Also, the PI will educate his staff on this sharps hazard and how to properly disinfect and prepare surgical instruments for the autoclave. |
| BUMC | 7/19/18 | Back injury | ABSL2 | No | An animal care technician (ACT) working in the BUASC came to ROHP as a walk-in today, reporting intermittent, severe, sharp pain in his right side. Just before the pain began, he had lifted a case of 24 filled water bottles. | No | No | N/A | The worker's manager will instruct the worker to prep the water bottles on the water bottle cart. This will eliminate the need to transfer the rack of water bottles between the two carts. |
| BUMC | 7/24/18 | Possible environmental exposure | BSL2 | No | A general mechanic walked into ROHP this morning reporting he may have had an exposure to an unknown substance in research lab space yesterday afternoon. | No | No | N/A | Going forward, the mechanic will call the EH&S department to investigate unknown odors rather than investigate on his own. |
| BUMC | 7/27/18 | Deep laceration to right thumb and index fingers | BSL2 | No | A visiting research scholar came to ROHP following an injury in the lab. The right handed researcher was inserting a clean plastic pipette into another lab item when the pipette broke, causing lacerations to the palmer surfaces of her right thumb and index finger. | No | No | N/A | 1. It would be advisable if the researchers remains attentive to what they are doing at that point of time, even if it is a small simple task. 2. It would be good that the plastic pipette which is inserted in to the vacuum tube is changed more frequently so that it doesn't become brittle with usage. The fragility of the pipette can cause an injury to the researchers in the future. |
| BUMC | 8/1/18 | Unknown liquid splash/spill to bilateral hands | BSL2 | No | A stock room/ shipper- receiver clerk working for the Facilities department walked into ROHP to report that while putting items away in a stock room this staff sustained a splash/ spill of unknown liquid on his hands from a bottle that did not have a cap on it. | No | No | N/A | EH&S followed-up with facilities to assist with chemical waste disposal. |
| BUMC | 8/1/18 | Mouse bite to left index finger | ABSL2 | No | ROHP received a phone call from the Lab Animal Training Coordinator that a lab animal care technician was bitten on her left index finger in the animal training center. She had just performed an injection on the mouse when it turned and bit her. The mice was non transgenic and did not contain any biological or hazardous agents. | Yes | No | BPHC | The Animal Care Technician is scheduled to continue training with the ASC Training Coordinator until proficient with her pertinent tasks. |
| BUMC | 8/1/18 | Mouse bite to left small finger | ABSL2 | No | A visiting scholar emailed our office to report he was bitten by a mouse today. He washed immediately. ROHP placed a phone call to this researcher who was counseled and will follow up with our office. The researcher confirms no biologics or other hazardous agent was involved with the incident. | Yes | No | BPHC | The researcher stated he is very comfortable and experienced with this procedure and that he will be sure to have a more secure handle on mice during future procedures. |
| BUMC | 8/21/18 | Mouse bites to right and left index finger | ABSL1 | No | A visiting research scholar was seen in ROHP to follow up on a report of two mouse bites this morning. The researcher was learning to restrain a mouse by holding the tail and scruffing when a mouse turned its head and bit the right index finger distal phalanx close to the nail. The mice were from the ABSL1 animal science training center, were non transgenic and had no hazardous agents. | Yes | No | BPHC | Complete Training with ASC Training Coordinator until sufficient in relevant tasks. |
| BUMC | 8/22/18 | Mouse bite to left 5th finger | ABSL1 | No | An animal care technician was seen in ROHP to follow up on a report of a ABSL1 mouse bite. This left hand dominant staff was bitten as she picked up a mouse by the tail using forceps when it flipped it's head around and bit her. The mouse was transgenic PACAP-IRES-Cre strain and did not contain any hazardous agents as it was from the ABSL1 breeding room. | Yes | No | BPHC | This Animal Care Technician is comfortable with her job tasks and will use better caution when picking-up/handling mice. |
| BUMC | 8/22/18 | Respiratory complaint in laboratory | BSL2 | No | A 3rd year PhD student walked into ROHP at 3:25pm reporting he was experiencing respiratory symptoms- complaining of chest tightness and cough. | No | No | N/A | The lab personnel have been instructed to leave any area that presents unknown odors and immediately report the odor the EH&S and the Control Center. Facilities has also been made aware of the potential HVAC issues in this area and are troubleshooting potential problems. |

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| BUMC | 9/12/18 | Laceration to left thumb | BSL1 | No | A lab manager called ROHP to report a right hand dominant undergraduate student researcher accidentally cut her left thumb on a cryostat blade that was used on mouse brain. The mouse is not transgenic and no other hazardous agents were used. | No | No | N/A | 1. Replace the microtome or at least the blade brake needs to be repaired properly. 2. Use blade metal guard whenever working in close proximity to the blade. |
| Charles River Campus (CRC) | | | | | | | | | |
| CRC | 8/20/18 | Non specific symptoms possibly related to odor | BSL2 | No | A 28 year old graduate student, presented at ROHP today, complaining of symptoms which began today, which he attributes to poor air quality in a lab on the CRC. | No | No | N/A | Repair the pump. Change the oil. When starting re-using the pump, monitor the conditions to see if odor issue continue. |
| CRC | 8/28/18 | Laceration and burn to right hand | BSL1 | No | A graduate student sustained a laceration and burn while working in a lab on the CRC. He sustained lacerations on his right wrist, a laceration with a glass shard in his ring finger, and a burn on his pinky finger. | No | No | N/A | The graduate student is a third year PHD student. He is aware of the procedures. He seemed embarrassed by his mistake and startled by his exposure. I do not think he will make this mistake again. |
| CRC | 9/5/18 | Sharp injury to left 3rd finger | BSL2 | No | A senior scientist on the Charles river campus called ROHP to report that he accidentally cut his left 3rd finger on a blade that had been used on human brain tissue. | Yes | No | OSHA | The individual has ordered warning signs and is in the process of writing SOP's to help prevent further injuries from occurring. |
| CRC | 9/11/18 | Possible exposure to Acetone | N/A | No | A teaching faculty member called ROHP on call service to report a sophomore undergraduate in organic chemistry class reported right hand palm discomfort after wearing gloves and using an acetone spray bottle cleaner to clean glasses for an organic chemistry class. | No | No | N/A | Not known cause identified. The student denied it was acetone exposure during glassware acetone. It was a paper cut wound on palm, which may or may not related to this incident. No further action could be taken. |
| CRC | 9/12/18 | Laceration to left thumb | BSL1 | No | ROHP received a call from a lab manager that an undergraduate chemistry student was putting a pipet bulb on a clean glass pipet when the long stem broke resulting in a cut on his right palm just below the ring finger. No biologics involved. | No | No | N/A | Be caution when handling glassware |
| CRC | 9/13/18 | Chemical spill on gloved hand | N/A | No | ROHP received an email today that an undergraduate student in organic chemistry lab spilled dichloromethane on a gloved hand while when transferring the solvent to a container while working under a fume hood. | No | No | N/A | The student was holding the beaker with left hand while pumping the solvent from dispenser with right hand. He was educated to pump the solvent carefully and aim to catch the solvent properly. |
| CRC | 9/13/18 | Chemical spill on gloved hand | N/A | No | A student in a chemistry lab noticed a small patch on the back of her left hand was irritated. The student wore gloves at the time, examined the gloves and found no damage. It is possible that Ether had splashed on the glove. | No | No | N/A | The student was not sure which chemical caused the symptoms and how she got exposed to the chemical. She was educated to handle chemical carefully. |
| CRC | 9/17/18 | Chemical spill to leg | N/A | No | Chemical spill to leg after the teaching fellow accidentally spilled liquid on the students leg while trying to remove the funnel. | No | No | N/A | The teaching fellow failed to use proper procedure to unclog the funnel, and there was lack of understanding about emergency response procedure given by the instructor during briefing. |
| National Emerging Infectious Disease Laboratory (NEIDL) | | No incidents | | | | | | | |
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| Other - Collaborating Laboratory | | No incidents | | | | | | | |
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* 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