

**BU Agent Incident Reporting Summary January to March 2025**

**CAMPUS	Date of Incident	Incident Type/Agent Involved	BSL	Transmissible Person to Person	Description	Type of Incident	Reportable Incident	Report of Clinical Illness	Agency Reported To	Employee/Student	Comments/Corrective Action
<b>BU Medical Campus (BUMC)</b>											
BUMC	1/31/25	Head contusion	BSL-1		Hit right top of head with metal water hose	Other	No		N/A	Employee	Root cause: Improper equipment used. Steps to prevent recurrence: Secure hose with clamp per SOP.
BUMC	2/20/25	Cut/graze to left thumb on cryostat blade used to cut mouse brain tissue, no biologics, non-transgenic	N/A		Cut/graze to left thumb on cryostat blade used to cut mouse brain tissue, no biologics, non-transgenic	Sharps	No		N/A	Undergraduate Student	Root cause: Inadequate training, PPE use not enforced Steps to prevent recurrence: More supervised hands on training, use cut resistant gloves
BUMC	2/27/25	Lower back strain	BSL-2		Lower back strain pulling monkey cage	Musculoskeletal	No		N/A	Employee	Root cause: Ergonomics & Staffing levels Steps to prevent recurrence: Align cart wheels and use appropriate staff level
BUMC	2/28/25	Left frontal head contusion	BSL-2		Left frontal head contusion from incubator door	Other	No		N/A	Master's Student	Root cause: Ergonomics/Positioning. Steps to prevent Recurrence: Fully open incubator door to engage latch
BUMC	3/20/25	Nicked right palm with needle	BSL-2		Nicked right palm with needle used to draw up Erlotinib	Sharps	No		N/A	PhD Student	Root cause: Employee behavior. Steps to Prevent Recurrence: Slower pace and take Sharps safety training
BUMC	3/25/25	Needlestick puncture to right index finger	BSL-2		Needlestick puncture used on human cervical cancer cell lines	Sharps	Yes		BPHC	Employee	Root Cause: employee behavior Steps to prevent recurrence: taking Sharps safety training as a refresher

Charles River Campus (CRC)											
CRC	1/22/25	Left index finger puncture	BSL-1		Left index finger punctured by needle used on rat	Sharps	No		N/A	Master's Student	Root cause: Lack of experience and Lack of supervision. Steps to prevent recurrence: Proper supervision and training prior to sharps use
CRC	1/27/25	Splash to lips	N/A		Splash to lips in chemistry lab	Intact skin	No		N/A	Undergraduate Student	Root cause: Non-exposure Steps to prevent recurrence: N/A
CRC	1/31/25	Mouse bite to left 3rd digit, non-transgenic, no biologics	BSL-1		Mouse bite to left 3rd digit, non-transgenic, no biologics	Animal Bite	No		N/A	Employee	Root cause: Positioning Steps to prevent recurrence: Calming measure for curved spine mice
CRC	2/6/25	Methyl 4-formylbenzoate powder exposure to upper lip	N/A		Methyl 4-formylbenzoate powder exposure to upper lip in chem teaching lab	Intact skin	No		N/A	Undergraduate Student	Root cause: Procedure not followed. Steps to prevent recurrence: Use proper sash height when working in fume hood
CRC	2/6/25	Cut to right thumb on glass slide	N/A		Cut to right thumb on glass slide	Sharps	No		N/A	Undergraduate Student	Root cause: PPE use not enforced. Steps to prevent recurrence: Wear all appropriate PPE
CRC	2/27/25	Cut to left index finger	N/A		Cut to left index finger on the chipped edge of a graduated cylinder	Sharps	No		N/A	Undergraduate Student	Root cause: Equipment Malfunction. Steps to prevent recurrence: Always check glassware for damage before use
CRC	3/6/25	Cut to right index finger	BSL-1		Cut to right index finger with microtome blade used on formalin fixed tissue	Sharps	No		N/A	Employee	Root Cause: Lack of experience. Steps to prevent recurrence: Continued mentoring and took Sharps Safety training
CRC	3/20/25	Chemical spilled on right gloved hand	N/A		K Thiocyanate spilled on right gloved hand	Intact skin	No		N/A	Undergraduate Student	Root Cause: Lack of experience. Steps to prevent recurrence: Reminded gloves go under lab coat cuffs to prevent gap in coverage
CRC	3/20/25	Touched face with contaminated glove	N/A		Anxious after touching face with contaminated glove used while working with many chemicals, otherwise, asymptomatic	Intact skin	No		N/A	Undergraduate Student	Root Cause: Procedure not followed. Steps to prevent Recurrence: Practice good glove hygiene per teaching lab SOP
CRC	3/24/25	Sprayed diluted acetone to lower part of face	N/A		Sprayed diluted acetone to lower part of face	Intact skin	No		N/A	Undergraduate Student	Root cause: Employee Behavior. Steps to prevent recurrence: Inspect wash bottle before use and keep fume hood sash low.
CRC	3/24/25	Right index finger cut	N/A		Right index finger cut on broken capillary tube in sink - no biologics involved	Sharps	No		N/A	Employee	Root Cause: Hazardous physical environment. Steps to prevent recurrence: Waste glass discarded in sharps Never sink
CRC	3/25/25	Spill of petroleum ether on right leg	N/A		Spill of petroleum ether on right leg	Intact skin	No		N/A	Undergraduate Student	Root Cause: Human error. Steps to prevent recurrence: Use extra caution when sharing fume hood

National Emerging Infectious Disease Laboratory											
NEIDL	2/13/25	Splash of HCL to left eye			Splash of HCL to left eye	Non-intact skin	No		N/A	Employee	Root Cause: Procedure not followed. Steps to prevent recurrence: Retraining provided
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