

## Sample Protocols CONTAINING BIOHAZARDOUS SPILLS

The following sample protocols are provided to facilitate emergency planning and should be modified to include lab-specific, potentially biohazardous materials. These instructions should be displayed in the laboratory and periodically reviewed with personnel. In the event of an emergency do not hesitate to call 911 if necessary. The Office of Biological Safety is available for additional assistance and information at 263-2037.

### Spills OUTSIDE Containment

|                           |   |
|---------------------------|---|
| <b>IMMEDIATE RESPONSE</b> | <p><b><u>EVACUATE</u></b> if necessary</p> <ul style="list-style-type: none"> <li>• Alert co-workers and leave lab area immediately</li> <li>• Determine if medical attention is needed (injury, direct or potential exposure). <u>Call 911 for emergency responders or UWPD dispatch (262-2957) for transport.</u></li> <li>• Close door and post lab with <b>Do Not Enter</b> sign.</li> <li>• Remove and put contaminated garments into a container for autoclaving.</li> <li>• Wash hands/face with soap/antimicrobial agent.</li> </ul>  |
| <b>CLEAN UP</b>           | <ul style="list-style-type: none"> <li>• <u>Wait at least 30 minutes</u> before re-entry to allow aerosols to dissipate.</li> <li>• Wear PPE upon re-entry (disposable gown, mask/eye protection, double gloves).</li> <li>• Cover spill with disinfectant soaked paper towels.</li> <li>• Pour an appropriate disinfectant solution around spill (1:10 dilution of bleach). Take care not to create aerosols while pouring. Let stand for at least <u>20 minutes</u>.</li> <li>• Use tools (tongs, broom &amp; dustpan) rather than hands to pick up sharps and broken glass, and contaminated materials whenever possible.</li> <li>• Transfer all contaminated materials into an autoclave bag.</li> <li>• Wipe down entire area with disinfectant (including autoclave bags, disinfectant container and other contact surfaces).</li> </ul> |
| <b>WRAP UP</b>            | <ul style="list-style-type: none"> <li>• Remove and discard PPE (autoclave prior to disposal).</li> <li>• Shower or wash hands with soap/antimicrobial agent and water.</li> <li>• Autoclave all contaminated materials.</li> <li>• Report incident to the PI (if not already contacted), the BSO (Biological Safety Officer) and Occupational Health using the online <i>First Report of Biological Exposure or Release</i> form (on the OBS website) within 24 hours.</li> </ul>  |

*Biohazardous spills involve: pathogenic, infectious and recombinant materials; biological toxins; human blood, tissues and other potentially infectious material (PIM) such as semen, vaginal secretions, cerebrospinal fluid, synovial fluid, pleural fluid, pericardial fluid, peritoneal fluid, amniotic fluid, saliva in dental procedures and any bodily fluid that is visibly contaminated with blood.*

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### Spills INSIDE Containment

|                              |  |
|------------------------------|--|
| <b>INITIAL<br/>RESPONSE</b>  | <ul style="list-style-type: none"> <li>• <u>Immediately stop all work, but leave BSC or hood blower fan on during clean-up.</u></li> </ul>   |
| <b>CLEAN UP<br/>RESPONSE</b> | <ul style="list-style-type: none"> <li>• Wear PPE (gloves, lab coat, eye protection).</li> <li>• Cover spill with disinfectant soaked paper towels and pour an appropriate disinfectant solution around spill.</li> <li>• Using paper towels and appropriate disinfectant detergent, wipe down walls, work surfaces and equipment.</li> <li>• Flood work surface and drain pan (Type II BSC) with disinfectant and let stand for at least <u>20 minutes</u>.</li> <li>• Wipe up all excess disinfectant and empty drain pan into a collection vessel with disinfectant.</li> <li>• Flush drain pan with water and remove drain tube.</li> <li>• Transfer all contaminated materials into an autoclave bag.</li> <li>• Wipe down autoclave bag, disinfectant container and other contact surfaces with disinfectant.</li> </ul> |
| <b>WRAP UP</b>               | <ul style="list-style-type: none"> <li>• Remove and discard PPE (autoclave prior to disposal).</li> <li>• Wash hands with soap/antimicrobial agent and water.</li> <li>• Autoclave all contaminated materials.</li> <li>• Report incident to the PI (if not already contacted).</li> </ul>   |

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