



# ENVIRONMENTAL HEALTH & SAFETY

The University of Alabama at Birmingham

## AGENT-SPECIFIC DATA & SAFETY PLAN

**BIOLOGICAL AGENT(S):** \_\_\_\_\_

PHYSICAL PROPERTIES:	
<b>MORPHOLOGY (PARTICLE/GENOME)</b>	
<b>STRAINS/VARIANTS (DESCRIBE)</b>	

AGENT RISK FACTORS:					
RISK GROUP LEVEL		1	2	3	
<b>HOST/VECTOR RANGE</b>					
<b>INFECTIOUS DOSE</b>					
<b>MEDICAL OPTIONS</b>		<u>Prophylaxis</u>	<u>Vaccines</u>	<u>Treatments</u>	<u>Surveillance</u>
<b>SEVERITY OF DISEASE</b>	<b>UNTREATED:</b>	Mild	Moderate	Severe	Lethal
	<b>TREATED:</b>	Mild	Moderate	Severe	Lethal
<b>NATURAL MODES OF TRANSMISSION</b>					
<b>POTENTIAL LABORATORY EXPOSURE ROUTES:</b>		Mucosal membranes	Parenteral inoculation or animal bite	Ingestion	Inhalation (droplet/aerosol)
<b>SOURCE OF EXPOSURE:</b>					
<b>ENVIRONMENTAL STABILITY</b>		hours	days	weeks	months
<b>GENETIC MODIFICATIONS (DOES THE MODIFICATION(S) ALTER ANY RISK FACTORS?)</b>					
<b>REGIONAL PREVALENCE</b>		indigenous	emerging	exotic	

PROCEDURAL RISK FACTORS:			
<b>ANIMAL MODELS</b> - METHOD OF EXPOSURE - PRODUCTIVE INFECTION?	<b>AEROSOL-PRODUCING PROCEDURES</b>	<b>SHARPS USED</b>	<b>AGENT VOLUME/CONCENTRATION</b>
<b>CULTURE/PROPAGATION METHODS</b>			

Developed by: Justin Roth  
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Last revised by: Justin Roth  
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DESCRIBE OTHER PROCEDURES THAT MAY POSE A RISK		
<b>CONTAINMENT REQUIREMENTS:</b>		
	<b>BIOSAFETY LEVEL</b>	<b>ADDITIONAL CONSIDERATIONS</b> (SPECIAL PRACTICES, SAFETY EQUIPMENT, AND FACILITY SAFEGUARDS NEEDED)
LAB BSL1-3		
ANIMAL FACILITIES ABSL1-3		
POSTED SIGNAGE		
PPE REQUIRED		
DISINFECTANTS/ METHODS OF INACTIVATION	<b>DISINFECTANTS (CONTACT TIME):</b>	<b>METHODS OF INACTIVATION:</b>
REQUIRED SAFETY TRAINING	<b>EH&amp;S Courses:</b>  * <a href="http://www.uab.edu/ohs/training">Training Matrix and Decision Tree:</a> <a href="http://www.uab.edu/ohs/training">http://www.uab.edu/ohs/training</a> *Classes are on <a href="http://www.uab.edu/learningsystem">The UAB Learning System:</a> <a href="http://www.uab.edu/learningsystem">http://www.uab.edu/learningsystem</a>	<b>Investigator or Lab Provided Training:</b>

<b>EXPOSURE AND INCIDENT RESPONSE PROCEDURES:</b>		
<b>MUCOSAL MEMBRANES</b>	Flush eyes, mouth or nose at eyewash station for 15 minutes	
<b>DERMAL</b>	wash area with soap and water for 15 minutes	
<b>SYMPTOMS</b>		
<b>INCUBATION PERIOD</b>		
<b>MEDICAL RESPONSE</b>	<b>NON-LIFE THREATENING INJURIES:</b> Use Blazer Express for transportation to and from The Workplace for the initial visit. <b>Location:</b> UAB Highlands, Suite 100. <b>Telephone:</b> 205-933-5300 Hours: injuries 7:30 am—11 am, 1—4 pm; all other 7:30 am—4:30 pm	<b>LIFE THREATENING INJURIES</b> • Campus phone : dial 911 • Outside line: 934-3535  <b>TO SEEK MEDICAL ATTENTION AFTER HOURS</b> • Report to the UAB Emergency Department
<b>SPILL RESPONSE</b>	<b>Small Spills:</b> Notify others working in the lab (post sign at entrance). Allow aerosols to settle. Don appropriate PPE. Cover area of the spill with paper towels and apply an EPA approved disinfectant, working from the perimeter towards the center. Allow appropriate contact time before disposal and cleanup of spill materials. Report incident to Biosafety at 934-2487 <b>Large Spills:</b> For assistance, contact Biosafety at 934-2487. Report incident to Biosafety at 934-2487.	
<b>REPORTING</b>	1. Whether or not you're seeking medical attention, ALL incidents are reported to the lab supervisor ( <u>Supervisor's Emergency contact number: _____</u> ) 2. Supervisors report ALL incidents to UAB EH&S at 934-2487	


