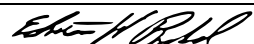


**University of Washington Template
For Use in Laboratories to Meet Required WAC 296-62-400 Regulation**

Standard Operating Procedures for Chemicals or Processes					
#1 Process (if applicable)	Aminoglycoside antibiotics are used as part of an animal research protocol to kill hair cells.				
#2 Chemicals	Aminoglycoside antibiotics –neomycin, gentamycin, streptomycin, kanamycinm amikacin. Aminoglycosides are associated with significant nephrotoxicity and/or ototoxicity. See symptoms below. Prolonged or repeated exposure may cause sensitization to allergic reaction.				
#3 Personal Protective Equipment (PPE)	Gloves, safety goggles, lab coat				
#4 Environmental / Ventilation Controls	Powder and liquid forms of drugs should be weighed, reconstituted, and diluted in a chemical fume hood.				
#5 Special Handling Procedures & Storage Requirements	Avoid breathing dust. Avoid contact with eyes, skin and clothing. Signs and symptoms of exposure –Nausea, headache, and vomiting.				
#6 Spill and Accident Procedures	Minimize contact with skin or eyes and avoid inhalation of vapors (liquid) or dust (powder). Liquid –absorb on sand or vermiculite and place in closed containers for disposal. Powder –Sweep up and hold in bag for waste disposal. Ventilate area and wash spill site after material pick-up is complete.				
#7 Waste Disposal	Correct dilution of drug is mixed and appropriate amount is given to animal. Dilution is saved for further experiments. Little to no waste is generated.				
#8 Special Precautions for Animal Use (if applicable)	Animals are not dangerous to humans and carcasses are stored with other killed animals for pick-up by vet services.				
Particularly hazardous substance involved?	<table style="width: 100%; border: none;"> <tr> <td style="width: 20%; text-align: center;">_ YES:</td> <td style="padding-left: 20px;">Blocks #9 to #11 are Mandatory</td> </tr> <tr> <td style="text-align: center;">X NO:</td> <td style="padding-left: 20px;">Blocks #9 to #11 are Optional.</td> </tr> </table>	_ YES:	Blocks #9 to #11 are Mandatory	X NO:	Blocks #9 to #11 are Optional.
_ YES:	Blocks #9 to #11 are Mandatory				
X NO:	Blocks #9 to #11 are Optional.				
#9 Approval Required					
#10 Decontamination					
#11 Designated Area					
Name: Dr. Edwin Rubel and Dr. Jennifer Stone					
Title: Professor					
Signature: 	Date: 02/17/2022				