HANDLING & USE OF IMMUNE DEFICIENT MICE IN-PERSON TRAINING

UNIVERSITY OF SOUTH FLORIDA COMPARATIVE MEDICINE

Attendee Name:			
Discuss/Review:	Print	Sign	Date
	e used if a separa	ate housing room for the isolatio	on of immunodeficient strains of mice
is established	•	3	
		orial " <mark>Handling and Use of Imn</mark>	
		Guide, 9 CFR, The AWA & IACL	•
		ophage, dendritic cell, complem	
		NOD-SCID) or genetically-eng	
Immune deficient mic	e require careful l	handling and use. Use immune	e deficient mice in isolation first.
Entry Procedures:			
	n, use immune d	eficient mice in isolation first	, then other mice, and last, mice
housed in ABSL-2 bid			,
Whenever possible, in	n isolation housing	g and use, work in pairs .	
			dedicated to isolation (SOP 413)
			acterized free of infectious agents
			by saturate spraying with Oxivir, and
		lary containers (e.g., Ziploc ba	
			with Oxivir during isolation entry.
			overs donned at the facility entrance,
			surgical mask that covers the nose, put on a pair of gloves ensuring cuffs
		ation room ensuring shoe covers	
			ything after isolation entry, don in
			cond pair of gloves ensuring gloves
			gloves by saturate spraying with
Oxivir allow 5 minut			
Whenever secondari	ly covered supplie	es and equipment of a substant	tive volume are delivered to isolation,
		ould be utilized with (a) the inter	
			the door closed while the exterior
			upplies with Oxivir, (c) the door is
			or cart, (d) the door is closed, and
minutes inside isolat		s sprayed again by the interior	individual and allowed to sit for 5
minutes inside isolat	IOH.		
Use Procedures:			
			s labeled location on the rack and
		ce for the duration of study.	
			ne biosafety cabinet is on. Saturate
		with Oxivir and allow it to sit for	
			e are saturate sprayed with Oxivir,
		nto contact with mice.	aked paper towels or blue pads may
be placed inside the		quipment, or supplies, Oxivir soc	aked paper towers or blue pads may
•		saturate spray with Oxivir the ir	nduction chambers and rodent
		and let it sit for 5 minutes.	idadion onamboro and rodon
-			esthesia machine, saturate spray
			d enter it into the biosafety cabinet
and let it sit for 5 mir		,	,

 After ensuring that all supplies and equipment are available and decontami water bottle in place from the rack and saturate spray the cage and water place the sprayed cage with bottle in the biosafety cabinet and allow it to simply a sprayed and loaded into the biosafety cabinet, but only one cage in the biosafety cabinet. Saturate spray gloves and sleeves with Oxivir. A pan of Oxivir solution in gloved hands by immersion before handling mice in each microisolator. 	r bottle with Oxivir. It for 5 minutes. Multiple cages hay be opened at a time within hay be used to decontaminate
Ensure that all activities are conducted at least 4 inches within the air curta greater than the height of a cage card holder).	• ,
Nothing should touch the interior surfaces of the microisolator, including an cabinet.	y surface of the biosafety
Remove the water bottle and place it on the work surface. Carefully unclam lid and invert it onto the biosafety cabinet work surface and place the wire I the lid. The wire lid can be used to assist in handling rodents. Saturate spray with Oxivir sleeves and gloved hands before handling mice,	id on top of the inner surface of and between each cage.
Work surfaces/hoods are decontaminated after use by saturate spraying will contact.	th Oxivir and allowed 5 minutes
Depart in your PPE.	
Use Procedures Outside of Bidirectional Isolation: Whenever mice is isolation must exit bidirectional isolation for a common process.	procedural area, PPE must be
donned in advance in accordance with entry procedures described above transported is identified and saturate sprayed with Oxivir, and the sprayed common procedural area by exiting in your PPE .	
If several microisolators are to be transferred to a common procedural area	a, a two person transfer
procedure should be utilized to exit with (a) the interior individual donning with entry procedures described above, (b) keeping the door closed while and saturate sprays the microisolators with Oxivir on an interior cart, (c) sprayed microisolators transferred to the exterior individual and an exterior and the exterior cart is used to deliver the microisolators to the common procedure.	the interior individual identifies the door is opened , and the r cart , (d) the door is closed,
Immune deficient mice that must exit bidirectional isolation and return to is delivered back to bidirectional isolation using a two person transfer proce individual donning PPE in advance in accordance with entry procedures de door closed while the exterior individual saturate sprays the microisolators opened , and the sprayed microisolators are transferred to the interior car interior cart and microisolators are sprayed again by the interior individual	olation housing must be edure with (a) the interior escribed above, (b) keeping the with Oxivir, (c) the door is t, (d) the door is closed, and the
minutes inside isolation. All equipment and work surfaces in the common procedural areas should be after each use.	e decontaminated prior to and
Staff intending to work in common procedural area with mice from bidirection the disposable gown and shoe covers, don in sequence (a) bouffant, (b) su nose, (c) push your thumb through the seam of the sleeve of the gown, (d) ensuring cuffs overlap the gown, (e) Tyvek sleeves, and (f) put on a second overlap sleeves and no skin is exposed.	rgical mask that covers the put on a pair of gloves
Work in common procedural areas involving mice from bidirectional isolation	•
involving other mice from other housing areas. If multiple cohorts from separesent in the common procedural area, work with cohorts must occur in semice from isolation, including those administered uncharacterized human scohort, rather than concurrently. Only one cage should be opened at a ti	equence, with work involving specimens, preceding the other
Demonstrate:	
Isolation signage	- با اداره ماه جوه مو مورد اموم ومرا
Emphasize that on animal orders or relocation requests the isolation hous indicated for the intended use	ing and use room should be
Appropriate isolation entry , donning and decontamination of PPE	

Training provided by:			
Return to bidirectional isolation requi	r es two person transfe	21	
Rentry procedures requiring addition		\r	
remaining PPE. If Tyvek suit had bee	*	ter gloves prior to exit.	
Prior to departure, remove outer glove	es and Tyvek sleeves	and place in red biohazard bin	. Depart in your
Appropriate movement within the bios	safety cabinet, >4" fro	om air curtain, use of Oxivir soa	aked towels
Disinfection of biosafety cabinet and of	other work surfaces (e	.g., induction chamber, equipm	nent)
Appropriate decontamination and two	person transfer entr	ry of secondarily enclosed supp	plies
Dedicated equipment and supplies			

Print Sign Date

Save this document in PDF format and upload to your ARC profile Animal Researcher Training & Experience under "Other Documents.""