	<b>Document Title</b> <b>Importation of Rodents from Non-Commercial Sources into the DHMRI Center for Laboratory Animal Sciences (CLAS)</b>			<b>Document ID</b> POL-0005	<b>DCO ID</b> 15-295
	<b>Department</b> CLAS	<b>Type</b> POL	<b>Status</b> EFFECTIVE	<b>Date</b> 28SEP2015	<b>Page</b> 1 of 4

## 1.0 PURPOSE


- 1.1 Rodents purchased from commercial vendors do not need to go through a quarantine process; however, importation of rodents from non-commercial sources requires that the animals must either go through quarantine upon arrival or be subject to a rederivation process in order to prevent the introduction of disease-causing viruses, bacteria and/or parasites that would endanger the valuable rodent colonies in CLAS as well as the research they represent. This process should consider the health of animals that reside within the CLAS facility, the needs of the NCRC research community and the overall mission of DHMRI/NCRC.
- 1.2 Non-commercial sources typically include other universities, pharmaceutical companies, biotech companies, etc. Maintenance of animal health is critical to the successful conduct of research in that pathogen-related variables are minimized.
- 1.3 With ventilated caging, rodent pathogens can be difficult to detect, and harder to eliminate. In the case of CLAS (with a single corridor and single wash area), vectoring of disease – once introduced – is a distinct possibility.
- 1.4 Should a pathogen enter:
  - 1.4.1 The community of animal users at the NCRC will be notified, as would any laboratory which had received animals from the NCRC.
  - 1.4.2 There may be direct, and immediate, negative impact on projects underway. Operational efforts, and costs, will be greater as additional testing and material handling will be necessary.
  - 1.4.3 Opportunity costs are likely as: a) it will be difficult for NCRC researchers to export their animals to colleagues at other institutions; and b) acquiring of outsourced animal-based work from any GLP-level institution will become unlikely.

## 2.0 SCOPE

- 2.1 This policy pertains to all projects where Rodents from Non-Commercial Sources will be imported into the DHMRI CLAS facility.

## 3.0 RESPONSIBILITIES

- 3.1 The Attending Veterinarian in the DHMRI CLAS facility is responsible for ensuring that this policy is followed.
- 3.2 Quality Systems is responsible for:
  - 3.2.1 Accuracy of assigned document numbers, DCO numbers and relevant meta data against the master logs before document approval.

 <i>David H. Murdock Research Institute</i>	<b>Document Title</b> <b>Importation of Rodents from Non-Commercial Sources into the DHMRI Center for Laboratory Animal Sciences (CLAS)</b>			<b>Document ID</b> POL-0005	<b>DCO ID</b> 15-295
	<b>Department</b> CLAS	<b>Type</b> POL	<b>Status</b> EFFECTIVE	<b>Date</b> 28SEP2015	<b>Page</b> 2 of 4

3.2.2 Effective document release, storage and retention.

3.2.3 Biennial Review.

## 4.0 PROCEDURE

4.1 General Steps for Importation:

4.1.1 Desired stock or strain at source institution will be identified.

4.1.2 Determination that the stock or strain is not commercially available will be confirmed.

4.1.3 A review of the health status and health history of the source colony/institution will be conducted by the DHMRI Attending Veterinarian in consultation with the Attending Veterinarian at the source institution.

4.2 If the health status is compatible with existing CLAS colonies (as determined by the judgment of the CLAS Attending Veterinarian in conjunction with DHMRI management):

4.2.1 Shipping schedules and methods will be determined.

4.2.2 Animal numbers and identification will be confirmed.

4.2.3 A courier will be selected.

4.2.4 Exact identities will be transferred to the DHMRI (in advance of shipment).

4.2.5 Animals will be received and quarantined or rederived based on source and housing needs..

4.2.5.1 Imported animals will be isolated for a minimum of six (6) weeks (to allow for appropriate seroconversion and parasitology testing following transport).


4.2.5.2 Additional Personnel Protective Equipment may be required.

4.2.5.3 Sentinels will be used to determine health status.

4.2.5.4 Quarantine animals may be fed a diet containing Fenbendazole (anthelmintic); a Fenbendazole diet helps prevent pinworm entry into our colonies.

4.2.5.5 Research activities during this period are not allowed. Costs for quarantine are borne by investigator.

4.2.5.6 In the event of equivocal results, repeat testing may be required.

	<b>Document Title</b> <b>Importation of Rodents from Non-Commercial Sources into the DHMRI Center for Laboratory Animal Sciences (CLAS)</b>			<b>Document ID</b> POL-0005	<b>DCO ID</b> 15-295
	<b>Department</b> CLAS	<b>Type</b> POL	<b>Status</b> EFFECTIVE	<b>Date</b> 28SEP2015	<b>Page</b> 3 of 4

4.3 If the health status is not compatible with existing CLAS colonies (as determined by the judgment of the CLAS Attending Veterinarian in conjunction with DHMRI management) or if :

4.3.1 Rederivation should be considered:

4.3.1.1 This will be accomplished through the use of a commercial provider

4.3.2 The expected time frame for rederivation is 5 – 12 weeks.

4.3.3 Confirmation of health status may be performed at the commercial provider.

4.3.4 Results will be communicated to the DHMRI Attending Veterinarian who will then evaluate the data and approve delivery.

4.3.5 Animals will then be scheduled for receipt and acclimation.

4.3.6 The animals requested may be rejected based on the source and health status of the source colonies.

## 5.0 REFERENCES AND RELATED DOCUMENTS


5.1 None.

## 6.0 DEFINITIONS

Term	Description
CLAS	Center for Laboratory Animal Sciences
NCRC	North Carolina Research Campus

## 7.0 APPENDICES

7.1 None.

 <i>David H. Murdock Research Institute</i>	<b>Document Title</b> <b>Importation of Rodents from Non-Commercial Sources into the DHMRI Center for Laboratory Animal Sciences (CLAS)</b>			<b>Document ID</b> POL-0005	<b>DCO ID</b> 15-295
	<b>Department</b> CLAS	<b>Type</b> POL	<b>Status</b> EFFECTIVE	<b>Date</b> 28SEP2015	<b>Page</b> 4 of 4

REVISION HISTORY		
Superseded Revisions	DCO Number	Effective Date
R1.0	13-194	09AUG2013
<b>Current Revision:</b>	<b>R2.0</b>	
Section Number	Description of Changes	Justification of Changes
1.1	Includes the notion of quarantine and/or rederivation.	Provides two options for PIs needing to bring in animals from noncommercial sources.
4.2.5	Language simplified.	Improves clarity.
5.0, 6.0, 7.0	Sections added (References and Related Documents, Definitions and Appendices).	Conforms to template.
All	Defines process for importing rodents from non-commercial sources into CLAS.	New DHMRI document.