

CCMS – Charles River Labs Offsite Housing Initiative

Center for Comparative Medicine and Surgery Faculty Advisory Committee Meeting

Tuesday, January 25, 2022



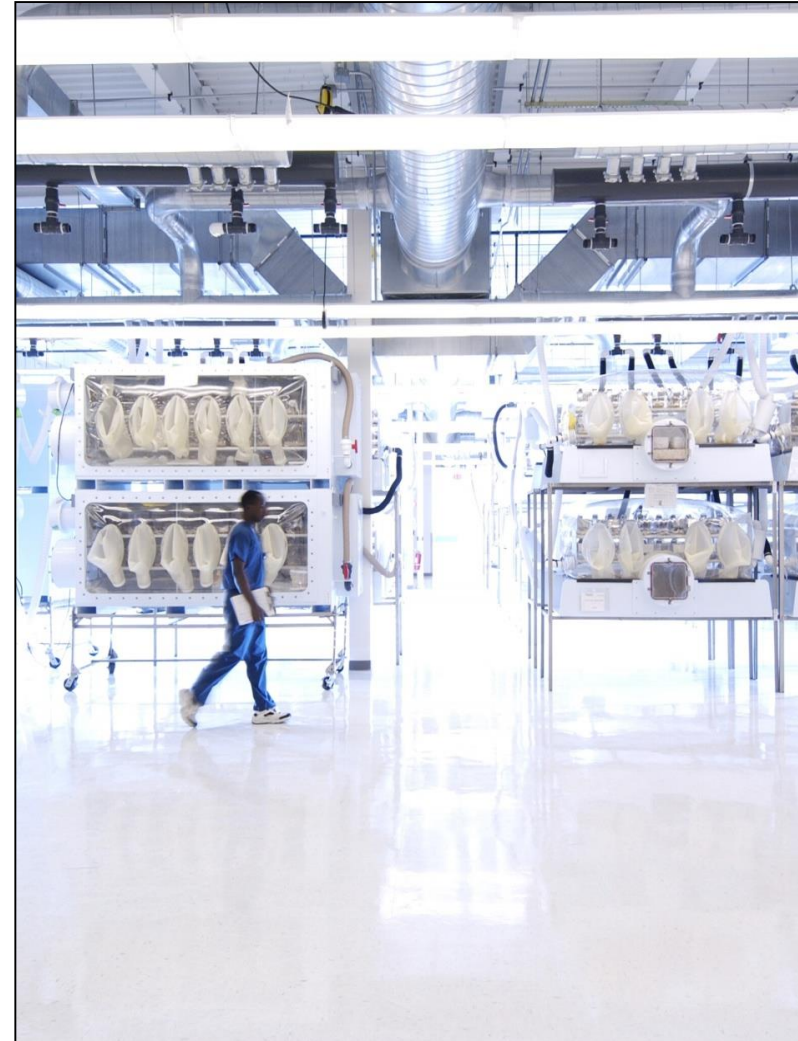
**Mount
Sinai**

CCMS/Charles River Offsite Housing: Overview

- ▶ WHAT DOES THIS PROGRAM MEAN FOR YOU?
 - Opportunity for investigators with **personnel limitations** to meet animal research goals
 - Avoid **limitations** of the current on-site **housing space**
 - Production/ Expansion Lines
 - Maintenance Lines
 - Poor Breeding outcomes

CCMS/Charles River Offsite Housing

- ▶ Isolator housing
- ▶ Space for up to 10,000 Mount Sinai cages
- ▶ Weekly pickup & delivery on a dedicated truck
- ▶ Animals can be scheduled for delivery to Mount Sinai with one week's advance notice
 - TUESDAY morning delivery to Mount Sinai
 - THURSDAY morning pickup from Mount Sinai
- ▶ Requests through TOPAZ Elements



Key Facts: Project Management

Dedicated Project Manager at CRL
Angela Thomas



- ▶ **Primary contact** for on-going projects
- ▶ **Updates** on major project milestones:
 - Animal status upon arrival
 - Project updates, matings set up, litters born
 - Quantity of animals born and dates for HM
 - Genotyping results
 - Coordinates with a team of people behind the scenes
- ▶ **Consults with PI's** to determine breeding plans
- ▶ PI's will have access to **Internet Colony Management (ICM)** portal
 - **Web based application** with **24/7 access to colony**

CCMS/Charles River Offsite Housing: Logistics

- ▶ Plan to roll the program out officially **1st quarter** this year

HOW DO I GET STARTED?

- ▶ **Preliminary application** should be completed
 - Important Contact Info
 - Description of animals (strain phenotype)
 - Project/ Breeding goals (production/maintenance)
- ▶ Once reviewed for completeness, **CCMS will contact you** to schedule a time to pack your animals for the **weekly Thursday shipment to Charles River**

Charles River Lab Offsite Housing		Genetically Engineered Models & Services Project Initiation Form	
The below individual's will have access to the electronic animal logs on Charles River website.			
All fields must be completed.			
Section 1. Contact Information			
PI First Name:		PI Last Name:	
GCO#:	GCO Expiration:	Fund#:	
Phone #:	Email:		
Primary Lab Contact			
First Name:		Last Name:	
Phone#:	Email:		
Secondary Lab Contact			
First Name:		Last Name:	
Phone#:	Email:		
Section 2. Please select the current CCMS Animal Housing Location			
Building Name: <input type="text" value="Select"/>		Room#: <input type="text" value="Select"/>	
Other Location			

Take Home: Benefits to Off-site Housing

	Onsite	Off-site
Cage Per diem rate	\$1.02	\$1.02 *
Colony Management	Lab/research staff needed to tail clip for genotype/ set up breeding schemes	Charles River handles it ^
Time	Consumed with addressing animal related issues: breeding, sick reports, overcrowding	Charles River handles it
Personnel	Lab/research staff needed to address animal concerns	Charles River handles it
Research	Research is offset by animal related obligations	Staff can focus on research goals

* Reflects negotiated discount and CCMS subsidy to maintain equivalence to onsite per diem rate

^ Additional fee-for-services available upon request

FAQs

- ▶ Per diem rate at CRL same as on campus rate
- ▶ Tissue samples (tail snips) for genotyping
 - No charge for biopsy collection
 - Samples returned to Mount Sinai once weekly on dedicated truck
 - Lab can genotype as desired
 - CRL-Transnetyx outsourcing available for a fee
- ▶ Internet Colony Management (ICM) portal
 - Training sessions have been offered and are available upon request

CCMS/Charles River Offsite Housing: Contact Information

- ▶ Contact myself or Chineta Pullin to receive form to begin the process

Kelly Yamada, VMD, DACLAM
Clinical Veterinarian

Tel: 212-241-7849

Email: kelly.yamada@mssm.edu

Chineta Pullin, A.A.S., B.S., M.S., L.A.T.
Colony Management Manager

CCMS Vivarium Training Specialist

Tel: 212-241-3008

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Testimonials

Dr. Scott Russo *Professor of Neuroscience and Psychiatry*

Director of the Center for Affective Neuroscience and the Brain Body Research Center at the Icahn School of Medicine at Mount Sinai

- ▶ No change in productivity or breeding of off-site animals.
- ▶ Ease of having animals returned to Mount Sinai was essentially like ordering B6 mice from a vendor.
- ▶ Savings in terms of costs and staffing.
- ▶ Streamlined the process of breeding and genotyping.
- ▶ Freed up a lab member to do actual science.

Testimonials

Dr. Stacey Baker

Assistant Professor, Oncological Sciences

Dr. Premkumar Reddy

Professor Oncological & Pharmacological Sciences

- ▶ Litters are always healthy and the pups are at the right size and stage of development based on their dates of birth.
- ▶ We housed these mice offsite at CRL and they bred very well there.
- ▶ As for communicating with CRL and getting the tail and/or ear samples for genotyping, that worked very well. I just picked them up from Annenberg and genotyped them as if I clipped them myself. So that was very convenient.

Testimonials

Ezekiell Mouzon *Research Laboratory Manager for Dr. Eric Nestler*

Department of Neuroscience, Pharmacological Sciences and Psychiatry

- ▶ Frees up staff from being occupied with weaning, ear tagging, tail clipping.
- ▶ Frees up space in mouse rooms for actual research.
- ▶ CRL staff are very knowledgeable about breeding
 - Better position to set up breeding to reach target production numbers
- ▶ Convenience of weekly deliveries