

UNIVERSITY of HOUSTON

DIVISION OF RESEARCH

Notification of Meeting Agenda

To: IACUC Committee

Link: IACUC Meeting - 4/15/2019

The agenda for this meeting has been generated or updated and is available at the following link: [Agenda for IACUC Meeting - 4_15_2019.pdf\(0.04\)](#)

This is an official communication from the University of Houston Institutional Animal Care and Use Committee. For any questions regarding this notification, please contact the IACUC office at [REDACTED] or [REDACTED]

UNIVERSITY of HOUSTON

DIVISION OF RESEARCH

Notification of Meeting Agenda

To: IACUC Committee

Link: IACUC Meeting - 8/19/2019

The agenda for this meeting has been generated or updated and is available at the following link: [Agenda for IACUC Meeting - 8_19_2019.pdf\(0.09\)](#)

This is an official communication from the University of Houston Institutional Animal Care and Use Committee. For any questions regarding this notification, please contact the IACUC office at [REDACTED] or [REDACTED]

UNIVERSITY of HOUSTON

DIVISION OF RESEARCH

Notification of Meeting Agenda

To: IACUC Committee

Link: IACUC Meeting - 12/14/2018

The agenda for this meeting has been generated or updated and is available at the following link: [Agenda for IACUC Meeting - 12_14_2018.pdf\(0.06\)](#)

This is an official communication from the University of Houston Institutional Animal Care and Use Committee. For any questions regarding this notification, please contact the IACUC office at [REDACTED] or [REDACTED]

UNIVERSITY of HOUSTON

DIVISION OF RESEARCH

Notification of Meeting Agenda

To: IACUC Committee

Link: IACUC Meeting - 2/18/2019

The agenda for this meeting has been generated or updated and is available at the following link: [Agenda for IACUC Meeting - 2_18_2019.pdf\(0.07\)](#)

This is an official communication from the University of Houston Institutional Animal Care and Use Committee. For any questions regarding this notification, please contact the IACUC office at [REDACTED] or [REDACTED]

UNIVERSITY of HOUSTON

DIVISION OF RESEARCH

Notification of Meeting Agenda

To: IACUC Committee

Link: IACUC Meeting - 1/25/2019

The agenda for this meeting has been generated or updated and is available at the following link: [Agenda for IACUC Meeting - 1_25_2019.pdf\(0.03\)](#)

This is an official communication from the University of Houston Institutional Animal Care and Use Committee. For any questions regarding this notification, please contact the IACUC office at [REDACTED] or [REDACTED]

UNIVERSITY of HOUSTON

DIVISION OF RESEARCH

Notification of Meeting Agenda

To: IACUC Committee

Link: IACUC Meeting - 7/15/2019

The agenda for this meeting has been generated or updated and is available at the following link: [Agenda for IACUC Meeting - 7_15_2019.pdf\(0.05\)](#)

This is an official communication from the University of Houston Institutional Animal Care and Use Committee. For any questions regarding this notification, please contact the IACUC office at [REDACTED] or [REDACTED]

UNIVERSITY of HOUSTON

DIVISION OF RESEARCH

Notification of Meeting Agenda

To: IACUC Committee

Link: IACUC Meeting - 6/17/2019

The agenda for this meeting has been generated or updated and is available at the following link: [Agenda for IACUC Meeting - 6_17_2019.pdf\(0.02\)](#)

This is an official communication from the University of Houston Institutional Animal Care and Use Committee. For any questions regarding this notification, please contact the IACUC office at [REDACTED] or [REDACTED]

UNIVERSITY of HOUSTON

DIVISION OF RESEARCH

Notification of Meeting Agenda

To: IACUC Committee

Link: IACUC Meeting - 3/18/2019

The agenda for this meeting has been generated or updated and is available at the following link: [Agenda for IACUC Meeting - 3_18_2019.pdf\(0.06\)](#)

This is an official communication from the University of Houston Institutional Animal Care and Use Committee. For any questions regarding this notification, please contact the IACUC office at [REDACTED] or [REDACTED]

UNIVERSITY of HOUSTON

DIVISION OF RESEARCH

Notification of Meeting Agenda

To: IACUC Committee

Link: IACUC Meeting - 5/20/2019

The agenda for this meeting has been generated or updated and is available at the following link: [Agenda for IACUC Meeting - 5_20_2019.pdf\(0.02\)](#)

This is an official communication from the University of Houston Institutional Animal Care and Use Committee. For any questions regarding this notification, please contact the IACUC office at [REDACTED] or [REDACTED]

UNIVERSITY of HOUSTON

DIVISION OF RESEARCH

Notification of Meeting Agenda

To: IACUC Committee

Link: IACUC Meeting - 11/19/2018

The agenda for this meeting has been generated or updated and is available at the following link: [Agenda for IACUC Meeting - 11_19_2018.pdf\(0.05\)](#)

This is an official communication from the University of Houston Institutional Animal Care and Use Committee. For any questions regarding this notification, please contact the IACUC office at [REDACTED] or [REDACTED]

UNIVERSITY of HOUSTON

DIVISION OF RESEARCH

Notification of Meeting Agenda

To: IACUC Committee

Link: IACUC Meeting - 10/15/2018

The agenda for this meeting has been generated or updated and is available at the following link: [Agenda for IACUC Meeting - 10_15_2018.pdf\(0.04\)](#)

This is an official communication from the University of Houston Institutional Animal Care and Use Committee. For any questions regarding this notification, please contact the IACUC office at [REDACTED] or [REDACTED]

UNIVERSITY of HOUSTON

DIVISION OF RESEARCH

Notification of Meeting Agenda

To: IACUC Committee

Link: IACUC Meeting - 9/17/2018

The agenda for this meeting has been generated or updated and is available at the following link: [Agenda for IACUC Meeting - 9_17_2018.pdf\(0.05\)](#)

This is an official communication from the University of Houston Institutional Animal Care and Use Committee. For any questions regarding this notification, please contact the IACUC office at [REDACTED] or [REDACTED]

From: [REDACTED] >
Sent: April 3, 2019 7:01:34 AM
To: [REDACTED]
Subject: Notification of Protocols in Grace Period

UNIVERSITY of HOUSTON
DIVISION OF RESEARCH

Notification of Protocols in Grace Period

To: IACUC Committee

The following amendments should be reviewed by all voting IACUC members by this Friday. If full committee review is not requested by this deadline, a designated member reviewer will be assigned.

Alternate members: The requirement to review applies only to voting IACUC members unless you have been directly contacted to fill in for a member who is unavailable.

ID	Name	Investigator
AMEND201900025	<u>lung epithelial cell and p63 GFP strain Amendment for</u> <u>PROTO201800029</u>	[REDACTED]

This is an official communication from the University of Houston Institutional Animal Care and Use Committee. For any questions regarding this notification, please contact the IACUC office at [REDACTED] or [REDACTED]

From: [REDACTED]
Sent: April 10, 2019 7:01:34 AM
To: [REDACTED]
Subject: Notification of Protocols in Grace Period

UNIVERSITY of HOUSTON
DIVISION OF RESEARCH

Notification of Protocols in Grace Period

To: IACUC Committee

The following amendments should be reviewed by all voting IACUC members by this Friday. If full committee review is not requested by this deadline, a designated member reviewer will be assigned.

Alternate members: The requirement to review applies only to voting IACUC members unless you have been directly contacted to fill in for a member who is unavailable.

ID	Name	Investigator
AMEND201900026	<u>Amendment for PROTO201800030</u>	[REDACTED]

This is an official communication from the University of Houston Institutional Animal Care and Use Committee. For any questions regarding this notification, please contact the IACUC office at [REDACTED] or [REDACTED]

From: [REDACTED]
Sent: August 7, 2019 7:01:34 AM
To: [REDACTED] >
Subject: Notification of Protocols in Grace Period

UNIVERSITY of HOUSTON
DIVISION OF RESEARCH

Notification of Protocols in Grace Period

To: IACUC Committee

The following amendments should be reviewed by all voting IACUC members by this Friday. If full committee review is not requested by this deadline, a designated member reviewer will be assigned.

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ID	Name	Investigator
16-022	<u>Signaling of the β2-adrenergic Receptor in Asthma</u>	[REDACTED]

This is an official communication from the University of Houston Institutional Animal Care and Use Committee. For any questions regarding this notification, please contact the IACUC office at [REDACTED] or [REDACTED]

From: [REDACTED]

Sent: December 5, 2018 7:01:34 AM

To: [REDACTED]

Subject: Notification of Protocols in Grace Period

UNIVERSITY of HOUSTON
DIVISION OF RESEARCH

Notification of Protocols in Grace Period

To: IACUC Committee

The following amendments should be reviewed by all voting IACUC members by this Friday. If full committee review is not requested by this deadline, a designated member reviewer will be assigned.

Alternate members: The requirement to review applies only to voting IACUC members unless you have been directly contacted to fill in for a member who is unavailable.

ID	Name	Investigator
AMEND201800068	<u>Amendment for PROTO201700020</u>	[REDACTED]
AMEND201800040	<u>Amendment for 15-005</u>	[REDACTED]

This is an official communication from the University of Houston Institutional Animal Care and Use Committee. For any questions regarding this notification, please contact the IACUC office at [REDACTED] or [REDACTED]

From: [REDACTED]
Sent: December 19, 2018 7:01:34 AM
To: [REDACTED]
Subject: Notification of Protocols in Grace Period

UNIVERSITY of HOUSTON
DIVISION OF RESEARCH

Notification of Protocols in Grace Period

To: IACUC Committee

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Alternate members: The requirement to review applies only to voting IACUC members unless you have been directly contacted to fill in for a member who is unavailable.

ID	Name	Investigator
AMEND201800061	<u>Amendment for 15-027</u>	[REDACTED]

This is an official communication from the University of Houston Institutional Animal Care and Use Committee. For any questions regarding this notification, please contact the IACUC office at [REDACTED] or [REDACTED]

From: [REDACTED] >
Sent: February 13, 2019 7:01:34 AM
To: [REDACTED]
Subject: Notification of Protocols in Grace Period

UNIVERSITY of HOUSTON
DIVISION OF RESEARCH

Notification of Protocols in Grace Period

To: IACUC Committee

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Alternate members: The requirement to review applies only to voting IACUC members unless you have been directly contacted to fill in for a member who is unavailable.

ID	Name	Investigator
AMEND201900013	<u>Amendment for PROTO201700031</u>	[REDACTED]

This is an official communication from the University of Houston Institutional Animal Care and Use Committee. For any questions regarding this notification, please contact the IACUC office at [REDACTED] or [REDACTED]

From: [REDACTED]
Sent: February 20, 2019 7:01:34 AM
To: [REDACTED] >
Subject: Notification of Protocols in Grace Period

UNIVERSITY of HOUSTON
DIVISION OF RESEARCH

Notification of Protocols in Grace Period

To: IACUC Committee

The following amendments should be reviewed by all voting IACUC members by this Friday. If full committee review is not requested by this deadline, a designated member reviewer will be assigned.

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ID	Name	Investigator
AMEND201800059	Amendment for PROTO201800042	[REDACTED]
AMEND201900014	Amendment for 16-002	[REDACTED]

This is an official communication from the University of Houston Institutional Animal Care and Use Committee. For any questions regarding this notification, please contact the IACUC office at [REDACTED] or [REDACTED]

From: [REDACTED]
Sent: January 9, 2019 7:01:34 AM
To: [REDACTED]
Subject: Notification of Protocols in Grace Period

UNIVERSITY of HOUSTON
DIVISION OF RESEARCH

Notification of Protocols in Grace Period

To: IACUC Committee

The following amendments should be reviewed by all voting IACUC members by this Friday. If full committee review is not requested by this deadline, a designated member reviewer will be assigned.

Alternate members: The requirement to review applies only to voting IACUC members unless you have been directly contacted to fill in for a member who is unavailable.

ID	Name	Investigator
AMEND201800063	Amendment 2 for 17-007	[REDACTED]
AMEND201800073	Amendment 1 for 16-016	[REDACTED]

This is an official communication from the University of Houston Institutional Animal Care and Use Committee. For any questions regarding this notification, please contact the IACUC office at [REDACTED] or [REDACTED]

From: [REDACTED]
Sent: January 23, 2019 7:01:34 AM
To: [REDACTED] >
Subject: Notification of Protocols in Grace Period

UNIVERSITY of HOUSTON
DIVISION OF RESEARCH

Notification of Protocols in Grace Period

To: IACUC Committee

The following amendments should be reviewed by all voting IACUC members by this Friday. If full committee review is not requested by this deadline, a designated member reviewer will be assigned.

Alternate members: The requirement to review applies only to voting IACUC members unless you have been directly contacted to fill in for a member who is unavailable.

ID	Name	Investigator
AMEND201800075	Amendment for 15-052	[REDACTED]

This is an official communication from the University of Houston Institutional Animal Care and Use Committee. For any questions regarding this notification, please contact the IACUC office at [REDACTED] or [REDACTED]

From: [REDACTED]
Sent: January 30, 2019 7:01:34 AM
To: [REDACTED] >
Subject: Notification of Protocols in Grace Period

UNIVERSITY of HOUSTON
DIVISION OF RESEARCH

Notification of Protocols in Grace Period

To: IACUC Committee

The following amendments should be reviewed by all voting IACUC members by this Friday. If full committee review is not requested by this deadline, a designated member reviewer will be assigned.

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ID	Name	Investigator
AMEND201900005	<u>Amendment for 15-006</u>	[REDACTED]

This is an official communication from the University of Houston Institutional Animal Care and Use Committee. For any questions regarding this notification, please contact the IACUC office at [REDACTED] or [REDACTED]

From: [REDACTED]
Sent: July 3, 2019 7:01:34 AM
To: [REDACTED]
Subject: Notification of Protocols in Grace Period

UNIVERSITY of HOUSTON
DIVISION OF RESEARCH

Notification of Protocols in Grace Period

To: IACUC Committee

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Alternate members: The requirement to review applies only to voting IACUC members unless you have been directly contacted to fill in for a member who is unavailable.

ID	Name	Investigator
AMEND201900072	<u>Amendment for 15-038</u>	[REDACTED]

This is an official communication from the University of Houston Institutional Animal Care and Use Committee. For any questions regarding this notification, please contact the IACUC office at [REDACTED] or [REDACTED]

From: [REDACTED]
Sent: July 17, 2019 7:01:34 AM
To: [REDACTED]
Subject: Notification of Protocols in Grace Period

UNIVERSITY of HOUSTON
DIVISION OF RESEARCH

Notification of Protocols in Grace Period

To: IACUC Committee

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ID	Name	Investigator
AMEND201900043	<u>Amendment for PROTO201800006</u>	[REDACTED]
AMEND201900066	<u>Amendment for PROTO201800102</u>	[REDACTED]

This is an official communication from the University of Houston Institutional Animal Care and Use Committee. For any questions regarding this notification, please contact the IACUC office at [REDACTED] or [REDACTED]

From: [REDACTED]
Sent: July 24, 2019 7:01:34 AM
To: [REDACTED]
Subject: Notification of Protocols in Grace Period

UNIVERSITY of HOUSTON
DIVISION OF RESEARCH

Notification of Protocols in Grace Period

To: IACUC Committee

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ID	Name	Investigator
AMEND201900065	<u>high fat diet Amendment for 16-002</u>	[REDACTED]

This is an official communication from the University of Houston Institutional Animal Care and Use Committee. For any questions regarding this notification, please contact the IACUC office at [REDACTED] or [REDACTED]

From: [REDACTED]
Sent: July 31, 2019 7:01:34 AM
To: [REDACTED]
Subject: Notification of Protocols in Grace Period

UNIVERSITY of HOUSTON
DIVISION OF RESEARCH

Notification of Protocols in Grace Period

To: IACUC Committee

The following amendments should be reviewed by all voting IACUC members by this Friday. If full committee review is not requested by this deadline, a designated member reviewer will be assigned.

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ID	Name	Investigator
AMEND201900076	<u>Oxidative Stress</u>	[REDACTED]
AMEND201900075	<u>Amendment for PROTO201700031</u>	
AMEND201900074	<u>Amendment for 17-007</u>	

This is an official communication from the University of Houston Institutional Animal Care and Use Committee. For any questions regarding this notification, please contact the IACUC office at [REDACTED] or [REDACTED]

From: [REDACTED] >
Sent: June 12, 2019 7:01:34 AM
To: [REDACTED] >
Subject: Notification of Protocols in Grace Period

UNIVERSITY of HOUSTON
DIVISION OF RESEARCH

Notification of Protocols in Grace Period

To: IACUC Committee

The following amendments should be reviewed by all voting IACUC members by this Friday. If full committee review is not requested by this deadline, a designated member reviewer will be assigned.

Alternate members: The requirement to review applies only to voting IACUC members unless you have been directly contacted to fill in for a member who is unavailable.

ID	Name	Investigator
AMEND201900063	<u>Amendment for PROTO201700041</u>	[REDACTED]
AMEND201900032	<u>Amendment for 15-009</u>	[REDACTED]

This is an official communication from the University of Houston Institutional Animal Care and Use Committee. For any questions regarding this notification, please contact the IACUC office at [REDACTED] or [REDACTED]

From: [REDACTED]
Sent: June 19, 2019 7:01:34 AM
To: [REDACTED]
Subject: Notification of Protocols in Grace Period

UNIVERSITY of HOUSTON
DIVISION OF RESEARCH

Notification of Protocols in Grace Period

To: IACUC Committee

The following amendments should be reviewed by all voting IACUC members by this Friday. If full committee review is not requested by this deadline, a designated member reviewer will be assigned.

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ID	Name	Investigator
AMEND201900069	<u>Amendment for 16-044</u>	[REDACTED]
AMEND201900060	<u>Amendment for 15-029</u>	[REDACTED]

This is an official communication from the University of Houston Institutional Animal Care and Use Committee. For any questions regarding this notification, please contact the IACUC office at [REDACTED] or [REDACTED]

From: [REDACTED]
Sent: June 26, 2019 7:01:34 AM
To: [REDACTED] >
Subject: Notification of Protocols in Grace Period

UNIVERSITY of HOUSTON
DIVISION OF RESEARCH

Notification of Protocols in Grace Period

To: IACUC Committee

The following amendments should be reviewed by all voting IACUC members by this Friday. If full committee review is not requested by this deadline, a designated member reviewer will be assigned.

Alternate members: The requirement to review applies only to voting IACUC members unless you have been directly contacted to fill in for a member who is unavailable.

ID	Name	Investigator
AMEND201900068	<u>Amendment for PROTO201800058</u>	[REDACTED]

This is an official communication from the University of Houston Institutional Animal Care and Use Committee. For any questions regarding this notification, please contact the IACUC office at [REDACTED] or [REDACTED]

From: [REDACTED]
Sent: March 20, 2019 7:01:34 AM
To: [REDACTED]
Subject: Notification of Protocols in Grace Period

UNIVERSITY of HOUSTON
DIVISION OF RESEARCH

Notification of Protocols in Grace Period

To: IACUC Committee

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ID	Name	Investigator
AMEND201900022	<u>Amendment for 15-029</u>	[REDACTED]
AMEND201900021	<u>Amendment for PROTO201800013</u>	
AMEND201900024	<u>Amendment for PROTO201700020</u>	
AMEND201900020	<u>Amendment for PROTO201800103</u>	

This is an official communication from the University of Houston Institutional Animal Care and Use Committee. For any questions regarding this notification, please contact the IACUC office at [REDACTED] or [REDACTED]

From: [REDACTED]
Sent: March 27, 2019 7:01:34 AM
To: [REDACTED]
Subject: Notification of Protocols in Grace Period

UNIVERSITY of HOUSTON
DIVISION OF RESEARCH

Notification of Protocols in Grace Period

To: IACUC Committee

The following amendments should be reviewed by all voting IACUC members by this Friday. If full committee review is not requested by this deadline, a designated member reviewer will be assigned.

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ID	Name	Investigator
AMEND201900023	<u>Amendment for PROTO16-002</u>	[REDACTED]

This is an official communication from the University of Houston Institutional Animal Care and Use Committee. For any questions regarding this notification, please contact the IACUC office at [REDACTED] or [REDACTED]

From: [REDACTED] >
Sent: May 1, 2019 7:01:34 AM
To: [REDACTED] >
Subject: Notification of Protocols in Grace Period

UNIVERSITY of HOUSTON
DIVISION OF RESEARCH

Notification of Protocols in Grace Period

To: IACUC Committee

The following amendments should be reviewed by all voting IACUC members by this Friday. If full committee review is not requested by this deadline, a designated member reviewer will be assigned.

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ID	Name	Investigator
AMEND201900037	<u>Amendment for PROTO201800013</u>	[REDACTED]
AMEND201900030	<u>Amendment for PROTO201700031</u>	[REDACTED]

This is an official communication from the University of Houston Institutional Animal Care and Use Committee. For any questions regarding this notification, please contact the IACUC office at [REDACTED] or [REDACTED]

From: [REDACTED] >
Sent: May 8, 2019 7:01:34 AM
To: [REDACTED] >
Subject: Notification of Protocols in Grace Period

UNIVERSITY of HOUSTON
DIVISION OF RESEARCH

Notification of Protocols in Grace Period

To: IACUC Committee

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ID	Name	Investigator
AMEND201900034	<u>Amendment for PROTO201800064</u>	[REDACTED]

This is an official communication from the University of Houston Institutional Animal Care and Use Committee. For any questions regarding this notification, please contact the IACUC office at [REDACTED] or [REDACTED]

From: [REDACTED]
Sent: May 15, 2019 7:01:34 AM
To: [REDACTED]
Subject: Notification of Protocols in Grace Period

UNIVERSITY of HOUSTON
DIVISION OF RESEARCH

Notification of Protocols in Grace Period

To: IACUC Committee

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ID	Name	Investigator
AMEND201900038	<u>lung regeneration following influenza virus infection</u>	[REDACTED]

This is an official communication from the University of Houston Institutional Animal Care and Use Committee. For any questions regarding this notification, please contact the IACUC office at [REDACTED] or [REDACTED]

From: [REDACTED] >
Sent: May 29, 2019 7:01:34 AM
To: [REDACTED] >
Subject: Notification of Protocols in Grace Period

UNIVERSITY of HOUSTON
DIVISION OF RESEARCH

Notification of Protocols in Grace Period

To: IACUC Committee

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ID	Name	Investigator
AMEND201900045	<u>Amendment for PROTO201700010</u>	[REDACTED]

This is an official communication from the University of Houston Institutional Animal Care and Use Committee. For any questions regarding this notification, please contact the IACUC office at [REDACTED] or [REDACTED]

From: [REDACTED]
Sent: November 14, 2018 7:01:34 AM
To: [REDACTED]
Subject: Notification of Protocols in Grace Period

UNIVERSITY of HOUSTON
DIVISION OF RESEARCH

Notification of Protocols in Grace Period

To: IACUC Committee

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ID	Name	Investigator
AMEND201800062	<u>Amendment for PROTO201700036</u>	[REDACTED]
AMEND201800057	<u>Amendment for 16-002</u>	[REDACTED]

This is an official communication from the University of Houston Institutional Animal Care and Use Committee. For any questions regarding this notification, please contact the IACUC office at [REDACTED] or [REDACTED]

From: [REDACTED]
Sent: October 10, 2018 7:01:34 AM
To: [REDACTED]
Subject: Notification of Protocols in Grace Period

UNIVERSITY of HOUSTON
DIVISION OF RESEARCH

Notification of Protocols in Grace Period

To: IACUC Committee

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ID	Name	Investigator
AMEND201800030	<u>Amendment for PROTO201800039</u>	[REDACTED]
AMEND201800036	<u>Amendment for 17-007</u>	[REDACTED]

This is an official communication from the University of Houston Institutional Animal Care and Use Committee. For any questions regarding this notification, please contact the IACUC office at [REDACTED] or [REDACTED]

From: [REDACTED] >
Sent: October 17, 2018 7:01:34 AM
To: [REDACTED]
Subject: Notification of Protocols in Grace Period

UNIVERSITY of HOUSTON
DIVISION OF RESEARCH

Notification of Protocols in Grace Period

To: IACUC Committee

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ID	Name	Investigator
AMEND201800048	<u>Amendment for PROTO201700013</u>	[REDACTED]
AMEND201800052	<u>Amendment for 15-034</u>	[REDACTED]

This is an official communication from the University of Houston Institutional Animal Care and Use Committee. For any questions regarding this notification, please contact the IACUC office at 7 [REDACTED] or [REDACTED]

From: [REDACTED] >
Sent: October 31, 2018 7:01:34 AM
To: [REDACTED] >
Subject: Notification of Protocols in Grace Period

UNIVERSITY of HOUSTON
DIVISION OF RESEARCH

Notification of Protocols in Grace Period

To: IACUC Committee

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ID	Name	Investigator
AMEND201800053	<u>add 5-CSRTT</u>	[REDACTED]

This is an official communication from the University of Houston Institutional Animal Care and Use Committee. For any questions regarding this notification, please contact the IACUC office at [REDACTED] or [REDACTED]

From: [REDACTED]
To: [REDACTED]
Subject: Fw: Notification of Protocols in Grace Period
Date: [REDACTED]

[REDACTED]
Research Integrity and Oversight (RIO)
Division of Research
University of Houston
A Carnegie-designated Tier One public research university
[REDACTED]

From: IACUC@central.uh.edu <IACUC@central.uh.edu>
Sent: September 11, 2019 7:01:34 AM
To: [REDACTED]
Subject: Notification of Protocols in Grace Period



Notification of Protocols in Grace Period

To: [REDACTED]

The following amendments should be reviewed by all voting IACUC members by this Friday. If full committee review is not requested by this deadline, a designated member reviewer will be assigned.

Alternate members: The requirement to review applies only to voting IACUC members unless you have been directly contacted to fill in for a member who is unavailable.

ID	Name	Investigator
AMEND201900098	<u>Amendment 090519 for 16-004</u>	[REDACTED]
AMEND201900094	<u>Amendment for 16-007</u>	[REDACTED]

This is an official communication from the University of Houston Institutional Animal Care and Use Committee. For any questions regarding this notification, please contact the IACUC office at [REDACTED] or [REDACTED].

From: [REDACTED]
To: [Rodent PI Listserve](#)
Cc: [REDACTED] [Animal Care Operations](#)
Subject: Isoflurane Machine Down for Maintenance - 11/28/18
Date: Tuesday, November 27, 2018 3:09:00 PM
Importance: High

Good afternoon,

Please note that the Isoflurane stations in [REDACTED] will be out of commission for about 30-45 minutes for calibration. This is scheduled to take place tomorrow at 12pm.

Feel free to contact me directly with any questions or concerns that you may have.

Thanks,

[REDACTED]

[REDACTED] Clinical Veterinarian
Division of Research
University of Houston
A Carnegie-designated Tier One public research university
[REDACTED]

From: [REDACTED]
To: [Rodent PI Listserve](#)
Cc: [REDACTED] [Brammer, David W;](#) [REDACTED] [IACUC; Animal Care Operations](#)
Subject: Carprofen gel alternatives
Date: Thursday, June 13, 2019 4:27:12 PM
Importance: High

Hello all,

I regret to inform you that we were recently notified by our local supplier that Carprofen gel is no longer commercially available, until the FDA approves new packaging/labels. No official timeline has been set regarding this product's return to market. Therefore, in the interim, ACO can provide the following alternatives, in order to prevent any hindrances to your current experimental designs involving this analgesic.

Species	Medication type	Medication route
Mouse/Rat	Carprofen injection	5mg/kg Subcutaneous (SC) *
Mouse	Carprofen oral tablets	One 5g tablet/20g of body weight
Rat	Carprofen oral tablets	One 5g tablet/100g of body weight
Mouse	MediGel w/ Carprofen added	One gel is sufficient for up to 5 mice *
Rat	MediGel w/ Carprofen added	One gel is sufficient for up to 2 rats*

*Billable service

Recommendation: Use pre-operatively for preemptive analgesia, with a second dose the next day and then every 24 hour as needed.

- Carprofen tablets for rodents are available through Bio-Serv, <https://us.vwr.com/store/product/4622408/rimadyl-md-tablets-for-rodents-bio-serv>. ACO can provide these tablets upon written request via [ACO work order](#).
- MediGel Sucralose can be used to create a medicated gel cup, <https://www.clearh2o.com/wp-content/uploads/2019/05/MediGel-Sucralose-Sheet.pdf>. However, there will be a fee associated with requests for this medication type. A specific fee amount is dependent on a case-by-case basis.

Given this information, if you would prefer a different analgesic for your studies, please be sure to submit an addendum to the IACUC for approval on your existing protocol(s). We understand that this may cause some inconveniences but we appreciate your patience as we continue to support your research efforts with the highest level of veterinary care. As always, if you have any questions or concerns, please feel free to contact me or another veterinarian within Animal Care Operations.

Thanks,

[REDACTED]

[REDACTED]

Division of Research

University of Houston
A Carnegie-designated Tier One public research university



From: [REDACTED]
To: [Rodent PI Listserve](#)
Subject: AAALAC Inspection Schedule (Tentative)
Date: Thursday, March 21, 2019 7:04:00 AM

Please note that these times may change but I wanted you to have a heads up...

Thursday: 3/21/19

8:00-9:30 AAALAC Opening
9:30-12:00 Review of Health 1 animal facilities
12:00-1:00 AAALAC and IACUC Lunch (E. Cullen- 407 *Invitation Only)
1:00-5:00 IACUC review

Friday 3/22/19

7:30 Meet in lobby of Hilton
8:00 Review of Fish and Frog area
9:00-12:00 Review of laboratories that use animals in their labs
12:00-1:00 Working lunch for AAALAC site visitors [REDACTED]
2:30 – 4:30PM AAALAC Exit Briefing

Thanks,

[REDACTED]

[REDACTED] Clinical Veterinarian
Division of Research
University of Houston
A Carnegie-designated Tier One public research university
[REDACTED]

From: [REDACTED]
To: [Rodent PI Listserve](#)
Cc: [Brammer, David W; Animal Care Operations](#)
Subject: Upcoming Trainings offered by ACO
Date: Thursday, January 10, 2019 11:56:00 AM
Importance: High

Good morning all,

I hope that your Spring semester is off to a great to start. With the beginning of the new year, we anticipate new students or other members being added to your lab groups. To enable these individuals to reach their full potential while on your protocol(s), we would like to offer a few hands-on trainings sessions (see schedule below). However, course enrollment is required. Please submit an "[Animal Research Training Request Form](#)" which is available at <https://www.uh.edu/research/resources/dor-forms/aco-forms/>. Contact our office for assistance with the form if needed via email at [REDACTED] or [REDACTED].

Wednesday, February 13, 2019 -- Basic Animal Handling (Mice)
Wednesday, February 20, 2019 -- Basic Animal Handling (Rats)
Wednesday, February 27, 2019 -- Proper Use of ACO Euthanasia Stations
Wednesday, March 6, 2019 -- Proper Use of ACO Isoflurane Machines
Wednesday, March 13, 2019 -- Appropriate Use of ACO Rodent Tattoo Machines

**Note: You are receiving this message because you are listed as a PI/Lab Manager working with rodents. Please pass this message along to anyone that is currently approved on your protocol(s) who will be using mice or rats in their research design.*

Thanks,

[REDACTED]

[REDACTED] Clinical Veterinarian
Division of Research
University of Houston
A Carnegie-designated Tier One public research university
[REDACTED]

From: [Brammer, David W](#)
To: ACO-RODENT@listserv.uh.edu
Cc: [REDACTED]
Subject: [REDACTED]
Date: Saturday, August 17, 2019 12:25:55 PM

Everyone,

We have discovered that a recent controls anomaly caused the HVAC on levels [REDACTED] to provide less than nominal environmental conditions. The cause for this has been identified as a windows service residing on a local server and a working solution is in place. We have discovered that a few exhaust ports in [REDACTED] were affected. Corrections have been made for these exhaust ports.

A work order has been place to have the ports in all of the animal rooms mapped to correspond with the rack numbering seen on the floor of the animal room. You may see Plant ops techs working the animal rooms over the next several weeks.

If you have questions, please contact me.

David W. Brammer, D.V.M.; DACLAM
Executive Director and Chief Veterinarian
Animal Care Operations
[REDACTED]

From: [REDACTED]
To: [Rodent PI Listserve](#)
Subject: Occupational Health Concerns
Date: Thursday, March 21, 2019 3:10:00 PM
Attachments: [OccupationalHealthProgram.pdf](#)
Importance: High

Hello all,

The purpose of this letter is to remind you that the Occupational Health program is in place to prevent injury/illness and promote a safe working environment for those individuals who work with animals or animal by-products on the University's campus. If you (or someone from your lab) suspect you may have work-related allergies or have any other questions about your health status, please contact [REDACTED] at [REDACTED] and submit to them an updated copy of your [Occ. Health enrollment form](#).*

Please take the time to review our Occ. Health program description attached. As always, you may feel free to contact me with any questions or concerns that you may have.

Thanks,

[REDACTED]

[REDACTED] Clinical Veterinarian
Division of Research
University of Houston
A Carnegie-designated Tier One public research university
[REDACTED]

UNIVERSITY of HOUSTON | RESEARCH

Animal Care Operations Occupational Health Program

PURPOSE:

The purpose of the Occupational Health Program for Personnel with Animal Exposure is to promote the health and prevent occupational injury and illness among individuals at the University of Houston who may have occupational exposure to animals. The Occupational Health Program is administered through a partnership with the University of Texas Employee Health Clinical Services.

PARTICIPATION:

The Occupational Health Policy applies to all designated visitors, observers, students, faculty, and staff who work at UT Health or University managed facilities. Enrollment in the program is required for all individuals:

- 1) working within the University facilities which house animals;
- 2) having direct contact with animals;
- 3) having direct contact with non-sanitized animal cages or enclosures;
- 4) having direct contact with non-fixed or non-sterilized animal tissues, fluids, and/or wastes; or 5) providing service or support to animal equipment, devices, and/or facilities.

All personnel who have any contact with laboratory animals may be covered by this program. Hazard identification is accomplished via the ACO Training and protocol review process. Risk assessment is accomplished through the use of the Health Surveillance Questionnaire which is submitted to a health professional versed in occupational health. All information is confidential and the questionnaires are stored by the University of Texas Health Science Center-Houston. Individuals may refuse to participate in the program, but are encouraged to read it carefully to be made aware of potential risks. Principal Investigators (PI) are responsible for assuring that they are in compliance with the program.

PROCEDURES:

ACO provides Occupational Health training which covers an overview of the program. Enrollment forms are available during this training course or accessible via the ACO website: <http://www.uh.edu/research/about/core-facilities/aco/training/>.

Once the enrollment form is completed it should be submitted directly to UT Employee Health Clinical Services via fax [REDACTED]. If there are any questions or to confirm that the fax was received, please call [REDACTED].

A database of completed enrollment forms is kept by [REDACTED] for the medical clearances. Medical clearances are reported to the ACO office for final approval to work in an animal area. Protocols are not approved until the medical clearances for participants are current.

UNIVERSITY of HOUSTON | RESEARCH

LABORATORY ANIMAL ALLERGIES:

Some people develop allergies to the animals they work with or to their own pets. The incidence is relatively high - some estimate that as many as 15% of a human population is allergic to some animal species. If an employee is allergic to a species that they are exposed to on the job, it can be quite debilitating.

Allergic individuals may display any of a number of symptoms: allergic rhinitis, conjunctivitis, asthma, or by contact dermatitis. Workers may be allergic to any animal species. The allergens are proteins that are excreted in the animals' saliva, urine, and from various glands associated with the skin. The proteins tend to be associated with the animal's hair and with particles of dander.

The animals most commonly associated with work place allergies are mice and rats. Other animals to which allergies are seen include rabbits, cats, guinea pigs, dogs, horses, and even cattle and pigs. An individual could potentially be allergic to almost any animal. Therefore, allergies are clearly an important risk associated with animals.

PREVENTION AND TREATMENT:

Those who work with animals should be aware of the signs and symptoms of animal allergies. If anyone who works with animals develops allergies, this should be reported to UT Employee Health Services for counseling and appropriate treatment. Supervisors and/or PI should be aware of factors in the work place that can increase the exposure of their staff to animal allergens.

The most effective way to control and prevent allergies is to minimize exposure to the allergens. The following practices may help reduce exposures to animal allergens:

- * Perform animal manipulations in a ventilated Biosafety cabinet.
- * Wear dedicated protective clothing (i. e. labcoats, scrubs) and personal protective equipment (PPE).
- * Wash your hands frequently. Avoid touching your hands to your face while working in the vivarium.
- * If you suffer from allergies to a species you must work with, consider wearing an approved, NIOSH certified N95 respirator when in the animal facility. Respirators are, in general, less effective than the other methods and should not be used as a substitute for good work place hygiene.

References

Preventing Asthma in Animal Handlers. January, 1998. DHHS (NIOSH) Publication No. 97-116. Available on the Web at: <http://www.cdc.gov/niosh/docs/97-116/>

Laboratory Animal Allergy, Bush, R.K; Wood, R.A.; Eggleston, P.A., Journal of Allergy and Clinical Immunology 1998; 102:99-112.

UNIVERSITY of HOUSTON | RESEARCH

GENERAL RISKS IN LABORATORY ANIMAL SETTING:

- Latex items such as gloves, masks, etc., can induce sensitization or allergic response
- Steam and hot water are used extensively for sanitation and sterilization and can cause severe thermal burns
- Chemicals such as detergents, acidic descaling agents and alcohol can cause chemical burns or toxicity
- Pharmaceuticals such as anesthetics, antibiotics, analgesics, tranquilizing agents and test drugs can be toxic
- Heavy items such as animals, feed bags and caging can cause lifting or other ergonomic injuries
- Wet floors of animal facilities, which are mopped frequently, present a hazard of slipping and falling
- Carcinogens, radioisotopes and other hazardous test substances must be identified and undergo safety review
- UV lights (in biosafety cabinets) and lasers can damage eyes
- High noise levels from cage wash equipment or loud animals, such as pigs, can cause hearing loss
- Needles, scalpels, and other medical equipment may produce puncture injuries or other physical injuries
- Injuries sustained from bites or scratches when handling laboratory animals



REPORTING WORK-RELATED INJURIES

- Employee Forms (*PDF forms available online)

Employee's Report of Injury (SORM-29) – The employee must complete this form immediately after sustaining a work-related injury. The form should be submitted to the Claims Coordinator who forward a copy to the State Office of Risk Management (SORM)

Authorization for Release of Information (SORM-16) - The employee must complete this form immediately after sustaining a work-related injury and submit to the Claims Coordinator who will forward a copy to SORM.

- Supervisor Forms (*PDF forms available online)

Supervisor's First Report of Injury or Illness – This form shall be completed by the injured employee's supervisor or their designated representative and submitted to the Claims Coordinator within 24 hours (business days only) in order to meet state stipulated deadlines. Failure to submit the necessary forms on a timely basis may delay medical and income benefits to the injured employee and may result in administrative fines to the University.

Witness Statement (SORM-74) - This form must be completed by each witness to the accident. The injured employee's supervisor or designee should forward the statements to the Claims Coordinator.

From: [REDACTED]
To: [Rodent PI Listserv](#)
Cc: [REDACTED] Brammer, David W; Animal Care Operations: [REDACTED]
Subject: FW: ACO Contact during Day of Mourning
Date: Wednesday, December 05, 2018 11:38:36 AM
Importance: High

Good morning all,

As per the Chancellor's message below, our essential staff in the ACO department, including myself, reported to work today. However, I will be leaving the office for the day shortly. Please be aware that an ACO Clinical Veterinarian will be available to assist you with rodent cases and/or any animal health-related emergencies. Please contact [REDACTED] or via email, [REDACTED] in my absence. This information is also posted throughout the facility and near the PPE station next to the wall-mounted phone within the vivarium.

Thanks!

[REDACTED]

[REDACTED]

----- Forwarded message -----

From: Office of the President Renu Khator [REDACTED]
Date: Tue, Dec 4, 2018 at 11:55 AM
Subject: Finals to Continue on Day of Mourning
To: [REDACTED]



Dear Students, Faculty, and Staff,

Governor Greg Abbott has issued an executive order designating Wednesday, Dec. 5, as an official Day of Mourning for our 41st president, George H.W. Bush. The University of Houston will remain open Wednesday for final exams. Only essential staff as designated by division vice presidents are expected to report for work. Essential staff will be allowed another day off for observance within the week.

Like many of you, I hold a special place in my heart for President Bush's service to our nation, his thoughtful tone of discourse and the pride he felt for our city. He was a friend of the University of Houston, and each time I had the privilege of seeing him he was inspiring and encouraging. For those of you who are working or attending class tomorrow, I hope you all will join me in a brief moment of silence at 9 a.m. to remember President Bush.

With warm regards,
Renu Khator

University of Houston



From: [REDACTED]
To: [Rodent P/L listserve](#)
Cc: [REDACTED]
Subject: Isoflurane usage in the ACO Surgical Suites
Date: Wednesday, April 24, 2019 8:26:00 AM
Importance: High

Hello all,

The purpose of this email is to inform you that there have been changes made to the location of the Isoflurane log sheets in [REDACTED]. In the spirit of productivity, we have made an effort to simplify the recording of usage at each anesthesia station by providing a log sheet at each table. Hopefully, this will encourage all users to properly document the use of this equipment. This morning it was discovered that station # 3 was left on with the gas and oxygen open. Needless to say, this is a significant waste of resources, as well as a potential health hazard to our employees.

ACO is in the business of continuous improvement and we look for opportunities to do so on a daily basis. If you have any suggestions or recommendations that may assist in this area, please feel free to share this information with me or [REDACTED] (copied).

Thanks,

[REDACTED]

[REDACTED] Clinical Veterinarian
Division of Research
University of Houston
A Carnegie-designated Tier One public research university
[REDACTED]

From: [REDACTED]
To: ACO-RODENT@listserv.uh.edu
Subject: [REDACTED] : Environmental Status
Date: Wednesday, July 31, 2019 11:38:59 AM

The [REDACTED] lighting and HVAC systems have been restored.

[REDACTED]
[REDACTED]
Division of Research
University of Houston
A Carnegie-designated Tier One public research university
[REDACTED]
[REDACTED]

From: [Brammer, David W](#)
To: ACO-RODENT@listserv.uh.edu
Cc: [REDACTED]
Subject: [REDACTED] update
Date: Tuesday, August 20, 2019 11:37:06 AM

Everyone,

The construction of in the [REDACTED] will begin next week. I wanted to give you a better overview of the [REDACTED] project schedule. [REDACTED] is the project manager and he will follow this project very closely. Questions about the construction or questions to the construction workers should be directed to [REDACTED]. This will allow one point of contact for all communications. I will use this listserv to give general communications.

Currently, the construction schedule for the [REDACTED] will be as follows:

- Construction: 8/26/2019 – 12/3/2019
- Substantial Completion: 12/4/2019
- Punch List: 12/5/2019 – 1/20/2020
- Final Completion: 1/21/2020

At the substantial completion phase, we will have a pest-control service evaluate the [REDACTED] and correct any issues. That will be followed by a facilities clean up and decontamination project. We are also be evaluating the mechanical systems in the basement to determine if repairs are needed.

The final step will be to put sentinel mice in open top cages within the basement to determine if there are any feral mice or rats living in the basement that were not detected by the pest-control survey. This final step will take up to 6 weeks but can be completed during the punch list phase.

I will keep you updated as the project progresses.

David W. Brammer, D.V.M.; DACLAM
Executive Director and Chief Veterinarian
Animal Care Operations
[REDACTED]

[REDACTED]

From: Brammer, David W
Sent: [REDACTED]
To: ACO-RODENT@listserv.uh.edu
Cc: Brammer, David W
Subject: information from Charles River

Everyone,

This is an opportunity from Charles River for you to consider.

From: [REDACTED]
Sent: Monday, September 9, 2019 2:55 PM
Subject: Re-Introducing the program to help extend your research budget

Hi!

I hope that you received my email below in June of this year. I know that summer can be challenging in meeting research goals, so I want to bring this back to the top of your inbox and be available to address any questions or concerns you may have about this program.

So far, UH PI's have saved almost \$2000 by not paying freight and crates costs. These savings can be so much more! Check out the 2019 RMS catalog link below and download pricing of the specific strains that you use. If you do not currently use Charles River research models, I will offer free evaluation orders of our models so you can see how they work in your specific research studies.

I look forward to hearing from you and answering your questions!

My best,

[REDACTED] | Charles River
www.criver.com
[LinkedIn](#) | [Twitter](#) | [Facebook](#) | [Eureka](#)

Download the 2019 RMS Catalog today! Customize to the strains you use!

<https://www.criver.com/products-services/research-models-services/research-models-services-catalog?region=3611>

David W. Brammer, D.V.M.; DACLAM
Executive Director and Chief Veterinarian
Animal Care Operations
[REDACTED]

From: [Brammer, David W](#)
To: ACO-RODENT@lstserv.uh.edu
Cc: [REDACTED]
Subject: HVAC and lighting update
Date: Tuesday, July 30, 2019 3:16:31 PM

Everyone,

The HVAC in the rodent rooms is stabilizing. All rodent rooms are now reporting normal temperature. I have confirmed that the rooms are normal temperature by local laser temperature analysis of the rodent rooms. I have also determined by laser temperature analysis of several cages in multiple rooms that the intracage temperature was below 73.5 degrees. There is exhaust from the rodent towers so the normal environment within the cages should be achieved shortly.

The lighting in the rodent rooms remains unchanged and is not expected to change today.

David W. Brammer, D.V.M.; DACLAM
Executive Director and Chief Veterinarian
Animal Care Operations
[REDACTED]

From: [Brammer, David W](#)
To: ACO-RODENT@listserv.uh.edu
Cc: [REDACTED]
Subject: HVAC and lighting on the [REDACTED]
Date: Tuesday, July 30, 2019 1:54:56 PM

From: [REDACTED]
To: ACO-RODENT@listserv.uh.edu
Cc: [REDACTED]
Subject: [REDACTED] Lighting
Date: Wednesday, July 31, 2019 7:57:30 AM

All;

Rodent room lighting switched on this morning.

Thanks,

[REDACTED]
[REDACTED]
Division of Research
University of Houston
A Carnegie-designated Tier One public research university
[REDACTED]
[REDACTED]

From: [REDACTED]
To: ACO-RODENT@listserv.uh.edu
Cc: [REDACTED]
Subject: [REDACTED] Environment Controls
Date: Wednesday, July 31, 2019 11:40:45 AM

The [REDACTED] Lighting and HVAC systems have been restored.

[REDACTED]
[REDACTED]
Division of Research
University of Houston
A Carnegie-designated Tier One public research university
[REDACTED]
[REDACTED]

From: Brammer, David W
To: ACO-RODENT@listserv.uh.edu
Subject: construction on the [REDACTED] animal facility entrance
Date: Thursday, July 25, 2019 3:54:00 PM

Everyone,

There will be renovations to the [REDACTED] to the animal facilities. Starting on August 5th and completing on August 16th, the entrance to the left of the locker room entrance will be under construction. A new access door will be installed that will be triggered to swing open after swiping your card.

During this construction, you will need to enter the animal facilities through the doors near the [REDACTED]. This is a minor project, but will require some drilling. Some noise is expected. We will do everything we can to minimize the disruption to your research.

If you have questions, please give me a call. I will be glad to address any issue.

David W. Brammer, D.V.M.; DACLAM
Executive Director and Chief Veterinarian
Animal Care Operations
[REDACTED]

From: Brammer, David W
To: ACO-RODENT@listserv.uh.edu
Subject: Introducing the program to help extend your research budget
Date: Thursday, June 13, 2019 8:35:00 AM

Everyone,

Charles River has approached ACO with a cost saving opportunity that I wanted to pass along directly to you. Please see the message below and contact [REDACTED] directly for more details.

Hello

When was the last time you considered how much of your budget is spent on animal shipping costs? Have you ever thought to yourself, "I wish I had more money to put towards my research"?

I understand that every dollar counts when it comes to meeting your research goals. That's why we're introducing Charles River's new Impact Pricing Program for University of Houston. It helps to extend your research budget by eliminating the costs associated with animal delivery. Instead of spending money on ground freight and crate costs, you can allocate those resources towards what's most important – **your research**.

Please let me know your availability within the next week and I will schedule time to review your current costs and how this program will contribute to your budget. By partnering with us, you can ensure that we will be with you – every step of the way.

Best,

[REDACTED]

[REDACTED]

Charles River

[REDACTED]

Click here to [opt-in](#) to receive news and educational offers about Charles River.

David W. Brammer, D.V.M.; DACLAM
Executive Director and Chief Veterinarian
Animal Care Operations

[REDACTED]

