



Inspection Report

University Of Texas
Medical Branch At Galveston
301 University Blvd
Office Of The Associate Dean For Research
Galveston, TX 77550

Customer ID: **1469**

Certificate: **74-R-0073**

Site: 001

University of Texas Medical Branch at Galveston

Type: ROUTINE INSPECTION

Date: Feb-16-2016

2.31 (c) (7) **REPEAT**
INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC).

Forty nine animal records reviewed under protocols 1507043 and 1507044 in November and December 2015 did not document an increase in observations at the onset of clinical signs as indicated in the approved protocols. Additionally, the scoring sheet used when animal observations were recorded did not correlate with the project specific scoring sheet approved for use in these protocols.

Significant changes to approved protocols must be reviewed and approved prior to implementation. The IACUC had identified and addressed these protocol deviations at the time of this inspection.

2.33 (b) (3)
ATTENDING VETERINARIAN AND ADEQUATE VETERINARY CARE.

Nine of twenty five guinea pigs used under protocol 1507043 were found dead in cage during the study. Ten of twenty four guinea pigs under protocol 1507044 were also found dead in cage during the study. Death was not the endpoint on either protocol.

These deaths were not reported or communicated to the attending veterinarian in a timely manner. A mechanism of direct and frequent communication must be in place to ensure timely and accurate information is conveyed to the attending veterinarian on problems of animal health and well-being. This information is critical for the maintenance and refinement of an appropriate and adequate program of veterinary care.

Correct by: Immediately.

2.131 (b) (1)
HANDLING OF ANIMALS.

On January 16, 2016 a sheep was moved from a transport cage to the primary enclosure after weighing. The sheep sustained a front leg fracture that required euthanasia when it jumped over the temporary ramp used to facilitate movement between the uneven surfaces of the transport cage and primary enclosure.

Prepared By:

Mary Moore DVM

MARY E MOORE, D V M USDA, APHIS, Animal Care

Title: VETERINARY MEDICAL OFFICER Inspector 1044

Date:

Feb-22-2016

Received By:

SENT VIA EMAIL

Title: ATTENDING VETERINARIAN/EXECUTIVE DIRECTOR

Date:

Feb-23-2016



Inspection Report

Standard operating procedures should be reviewed and modified as needed to prevent further injury during transport and handling of animals. Handling of all animals shall be done as carefully as possible in a manner that does not cause physical harm or trauma.

Correct by: April 1, 2016.

3.81 (a) (3)

ENVIRONMENT ENHANCEMENT TO PROMOTE PSYCHOLOGICAL WELL-BEING.

The twelve cynomologus macaques in room 1506 were individually housed in enclosures without visual contact. Individually housed nonhuman primates must be able to see and hear nonhuman primates of their own or compatible species unless the attending veterinarian determines that it would endanger their health, safety and well-being.

No exception was provided for these animals and the restricted visual contact is also contrary to the intent of the facility primate enrichment program. Research facilities must follow an appropriate plan for environmental enhancement adequate to promote the psychological well-being of nonhuman primates.

Correct by: This non-compliant item was corrected at the time of inspection.

This inspection was conducted from February 16-18, 2016 with Drs. Moore, Pannill, Maginnis-USDA, the attending veterinarian, clinical veterinarians and senior IACUC manager.

The exit interview was conducted on February 18, 2016 with Drs. Moore, Pannill, Maginnis-USDA the IACUC chair, vice chair, IO, attending veterinarian, chief research officer, senior IACUC manager and other facility representatives.

Prepared By:

Mary Moore DVM

MARY E MOORE, D V M USDA, APHIS, Animal Care

Title: VETERINARY MEDICAL OFFICER Inspector 1044

Date:

Feb-22-2016

Received By:

SENT VIA EMAIL

Title: ATTENDING VETERINARIAN/EXECUTIVE DIRECTOR

Date:

Feb-23-2016



Animal and Plant
Health Inspection
Service

Marketing and
Regulatory Programs
Business Services

Investigative and
Enforcement Services

Headquarters:
4700 River Road
Unit 85
Riverdale, MD 20737
Voice 301.851.2948
Fax 301.734.4328

Eastern Region:
920 Main Campus Drive
Suite 200
Raleigh, NC 27606
Voice 919.855.7080
Fax 919.855.7090

Western Region:
2150 Centre Avenue
Building B-3W10
Fort Collins, CO 80526
Voice 970.494.7485
Fax 970.494.7487

VIA: USPS Certified Mail
Shipping Event: 1st

University of Texas
Medical Branch at Galveston
301 University Blvd.
Galveston, TX 77550

October 13, 2016

Toni J. D'Agostino
Office of the Associate Dean for
Research
301 University Blvd.
Galveston, TX 77550

SETTLEMENT AGREEMENT

Dear Sir or Madam:

We believe that you violated the Animal Welfare Act (7 U.S.C. § 2131 et seq.) (AWA), as described in the attached Settlement Agreement. Our agency, the Animal and Plant Health Inspection Service (APHIS), is responsible for enforcing the AWA, and other agriculture laws that help prevent the spread of animal and plant pests and diseases, and ensure the welfare of animals.

After providing you with an opportunity for a hearing, we may impose civil penalties of up to \$10,000, or other sanctions, for each violation described in this Settlement Agreement. We are offering you the opportunity to resolve this matter by paying an amount that is much lower than the maximum civil penalty.

What are the terms of the Settlement Agreement?

You should review the information in this Settlement Agreement, including the citation and notification of penalty.

If you agree to waive your right to a hearing and pay the penalty, then do the following:

- Pay the amount due, \$33,000, by **November 14, 2016**. You can pay by check, money order, or credit card. For your convenience, we have included additional instructions for making payments.
- If you are unable to pay the full amount due by **November 14, 2016**, you may be eligible for a payment plan. To request a payment plan, you must use the enclosed form to submit a written response to this letter by **November 14, 2016**, that indicates you wish to pay the penalty and waive your right to a hearing. You must also submit a copy of your most recent federal tax return. As part of your response, please include a phone number and an email address so that we may contact you.

An Equal Opportunity Provider and Employer

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|--|
| Reference Number: TX160007-AC Issuance Date: October 13, 2016 Version: Final |
|--|



What are my other options?

If you do not agree with the terms of this Settlement Agreement, submit a written request for a hearing, with your Reference Number, to our office by **November 14, 2016**, at 4700 River Rd., Unit 85, Riverdale, MD, 20737.

What happens if I fail to respond?

If we do not receive a payment or hearing request from you by **November 14, 2016**, we will forward this matter to our Office of the General Counsel for litigation.

What should I do if I need help?

If you have any questions concerning this letter, contact Robert Randen at (301) 851-2785, or call our main office at (301) 851-2948.

I am a small business owner and have comments or concerns regarding APHIS's enforcement of animal and plant health laws. Who should I contact?

APHIS always welcomes comments on how it can better assist small businesses. If you have comments about APHIS's enforcement of animal and plant health laws, please contact me, Steven M. Bennett, the APHIS Small Business Ombudsperson, at (301) 851-2948. If you would prefer to comment to someone outside APHIS, you may contact the Small Business Regulatory Enforcement Ombudsperson at <http://sba.gov/ombudsman>, email ombudsman@sba.gov, or toll free at 1-888-REG-FAIR. The Ombudsperson's office receives comments from small businesses and annually evaluates federal agency enforcement activities for their responsiveness to the special needs of small businesses.

Sincerely,

Steven M. Bennett, Director
Investigative and Enforcement Services



University of Texas
Medical Branch at Galveston
301 University Blvd.
Galveston, TX 77550

CITATION AND NOTIFICATION OF PENALTY

We believe that you violated the Animal Welfare Act (7 U.S.C. § 2131 et seq.) (AWA), as described below.

Date of Violation: March 13, 2013

9 C.F.R. § 2.131(b)(1) Handling of animals.

(b)(1) Handling of all animals shall be done as expeditiously and carefully as possible in a manner that does not cause trauma, overheating, excessive cooling, behavioral stress, physical harm, or unnecessary discomfort.

You failed to handle animals as carefully as possible. Five of forty guinea pigs died when staff members stacked several enclosures on top of each other and transferred them from one room to another. The only ventilation for each enclosure was located on its top.

Date of Violation: On or about November 17, 2015 to December 15, 2015

9 C.F.R. § 2.31(c)(7) Institutional Animal Care and Use Committee (IACUC).

(c) IACUC functions. With respect to activities involving animals, the IACUC, as an agent of the research facility, shall:

(7) Review and approve, require modifications in (to secure approval), or withhold approval of proposed significant changes regarding the care and use of animals in ongoing activities.

You failed to secure IACUC approval prior to making significant changes regarding the care and use of animals used in ongoing activities. Protocols 1507043 and 1507044 indicated that you would increase animal observations at the onset of clinical signs, but forty-nine animal records did not document these increased observations. In addition, the scoring sheet used to record animal observations did not correlate with the project specific scoring sheet approved for use in these protocols.

Date of Violation: On or about November 24, 2015 to December 15, 2015

9 C.F.R. § 2.33(b)(3) Attending veterinarian and adequate veterinary care.

(b) Each research facility shall establish and maintain programs of adequate veterinary care that include:

(3) Daily observation of all animals to assess their health and well-being;

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| |
|--|
| Reference Number: TX160007- AC Issuance Date: October 13, 2016 Version: Final |
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Provided, however, That daily observation of animals may be accomplished by someone other than the attending veterinarian; and Provided, further, That a mechanism of direct and frequent communication is required so that timely and accurate information on problems of animal health, behavior, and well-being is conveyed to the attending veterinarian

You failed to provide direct and frequent communications to the attending veterinarian. Staff members did not notify the attending veterinarian when nine of twenty-five guinea pigs used during protocol 1507043 died. The protocol stated death was not the end point of the study.

Date of Violation: On or about December 4-12, 2015

9 C.F.R. § 2.33(b)(3) Attending veterinarian and adequate veterinary care.

(b) Each research facility shall establish and maintain programs of adequate veterinary care that include:

(3) Daily observation of all animals to assess their health and well-being; Provided, however, That daily observation of animals may be accomplished by someone other than the attending veterinarian; and Provided, further, That a mechanism of direct and frequent communication is required so that timely and accurate information on problems of animal health, behavior, and well-being is conveyed to the attending veterinarian

You failed to provide direct and frequent communications to the attending veterinarian. Staff members failed to notify the attending veterinarian when ten of twenty-four guinea pigs used during protocol 1507044 died. The protocol stated death was not the end point of the study.

Date of Violation: January 20, 2016

9 C.F.R. § 2.131(b)(1) Handling of animals.

(b)(1) Handling of all animals shall be done as expeditiously and carefully as possible in a manner that does not cause trauma, overheating, excessive cooling, behavioral stress, physical harm, or unnecessary discomfort.

You failed to handle animals as carefully as possible. When staff members moved a sheep from one enclosure to another enclosure, the sheep jumped over the temporary ramp used to facilitate the movement between the uneven surfaces of the enclosures. The sheep sustained a leg fracture that required euthanasia.

The penalty for the alleged violation(s) described above is \$33,000.



How To Pay The Penalty

You may pay your penalty immediately through secure online transactions or phone using American Express, Discover, Diners Club, Master Card, and Visa, or by U.S. Mail using a check, cashier's check, or money order.

Online. Pay.gov allows you to make deferred and recurring credit card payments through secure online payments. To submit your credit card payment online:

1. Log on to <https://www.pay.gov>.
2. Click on Agency List.
3. Click on "A" in Index.
4. Click on Agriculture Department.
5. Click on Department of Agriculture.
6. Click on Animal and Plant Health Inspection Service – APHIS Customers (2nd listing).
7. Complete the required information and submit the form.
8. Enter payment information and submit your payment.
9. Print confirmation screen as your receipt.

Phone. To make a credit card payment by phone:

1. Call (612) 336-3264 and speak to a Debt Management Specialist.
2. State your Reference Number TX160007-AC.
3. Submit your credit card information.

U.S. Mail. To make a payment by check, cashier's check, or money order:

1. Make the check, cashier's check, or money order payable to the Treasurer of the United States.
2. Write the Reference Number TX160007-AC on your check, cashier's check, or money order.
3. Mail your payment to:
USDA – APHIS – GENERAL TX160007-AC
P.O. Box 979043
St. Louis, MO 63197-9000

If You Are Unable To Pay In Full

Complete the attached form and return it to our office to request a payment plan. Please be prepared to provide us with copies of your most recent federal tax return so that we may determine whether you are eligible for a payment plan.



AGREEMENT TO PAY AND REQUEST FOR PAYMENT PLAN

If you agree with the terms in this Settlement Agreement but cannot pay the penalty in full at this time, select one of the options below, sign the form, and return it to the following address prior to the due date of **November 14, 2016**:

USDA, APHIS, IES (General) TX160007-AC
4700 River Road, Unit 85
Riverdale, MD 20737

I understand that by signing this Settlement Agreement, I waive my right to a hearing. I agree to pay the penalty of \$33,000, but I am requesting a payment plan because of financial hardship. I have enclosed a copy of my most recent federal tax return. I have indicated below if I have enclosed other documents to show financial hardship:

_____ Bankruptcy filing

_____ Other (describe):

Signature: _____ Date: _____

Street Address: _____

City: _____ State: _____ Zip code: _____



301 University Blvd.
Galveston, Texas 77555-0133
O 409 266 9400 F 409 266 9400
or research.utmb.edu/iacuc

October 28, 2016

Dr. Robert Gibbens
Director, Western Regional Animal Care
2150 Centre Ave BLDG Mail Stop 3W11
Fort Collins, CO 80525-8117

Dear Dr. Gibbens,

Please accept this letter as formal documentation of a change that will occur at the University of Texas Medical Branch at Galveston, USDA certificate 74-R-073, customer ID 1469. Dr. Danny O. Jacobs, MD, MPH, FACS has been appointed as the Institutional Official for the Animal Care and Use program effective November 1, 2016. This position was previously held by Toni D'Agostino. The contact information for Dr. Jacobs is provided below. A copy of the appointment letter is also provided. If you have any questions, please do not hesitate to contact me.

Dr. Danny O. Jacobs, MD, MPH, FACS
Executive Vice president, Provost and Dean of the School of Medicine
Thomas N. & Gleaves T. James Distinguished Chair
The University of Texas Medical Branch at Galveston
301 University BLVD.
Galveston, TX 77555-0133

Sincerely,

Sr. Manager Research Operations, IACUC
University of Texas Medical Branch at Galveston

Emailed: 10/28/2016



Health

Office of the President

David L. Callender, MD, MBA, FACS
President

301 University Blvd.
Galveston, Texas 77555-0129

November 1, 2016

Danny O. Jacobs, MD, MPH, FACS
Executive Vice President, Provost and
Dean of the School of Medicine
Thomas N. & Gleaves T. James Distinguished Chair
The University of Texas Medical Branch at Galveston
301 University Blvd.
Galveston, TX 77555-0133

Dear Dr. Jacobs:

This letter serves as notification of your appointment as the UTMB Institutional Official as it relates to human subject and laboratory animal research. Notification of the appointment must be made to the Office of Human Research Protection, the Office of Laboratory Animal Welfare, and the United States Department of Agriculture as per their requirements.

Sincerely,

David L. Callender, MD, MBA, FACS
President
UTMB Health

DLC/dj

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

1. REGISTRATION NUMBER
74-R 0073, Customer Number 1469

2. HEADQUARTERS RESEARCH FACILITY (Name, address, and telephone number as registered with USDA, include ZIP Code)
University of Texas
301 University BLVD
Galveston, TX 77550
Telephone: (409) 772-4793

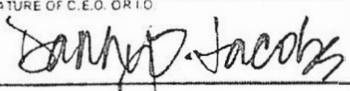
3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or both for these purposes. Attach additional sheets if necessary.)

| FACILITY LOCATIONS (Site) | |
|---------------------------|--|
| | |
| | |

| REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary, or use APHIS Form 7023a) | | | | | |
|--|--|---|---|--|---|
| A | B | C | D | E | F |
| Animals Covered By The Animal Welfare Regulations | Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purpose | Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain relieving drugs | Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate analgesic, anesthetic, or non-painful drugs were used | Number of animals upon which teaching, experiments, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and to which the use of appropriate analgesic, anesthetic, or tranquilizing drugs would have adversely affected the projected results or interpretation of the teaching, research, experiments, surgery, or tests (An explanation of the procedures providing pain or distress to these animals and the reasons such drugs were not used must be attached to this report.) | TOTAL NUMBER OF ANIMALS (Cols. C + D + E) |
| 4. Dogs | | | | | 0 |
| 5. Cats | | | | | 0 |
| 6. Guinea Pigs | | 58 | 58 | 424 | 540 |
| 7. Rats | 5 | 63 | 76 | 111 | 250 |
| 8. Rabbits | | | 28 | 155 | 183 |
| 9. Non-human Primates | 45 | 409 | 34 | 196 | 339 |
| 10. Sheep | | 5 | 264 | 5 | 274 |
| 11. Pigs | | | 76 | | 76 |
| 12. Other Farm Animals | | | | | 0 |
| 13. Other Animals | | | | | |
| Bats | | | 4 | | 4 |
| Ferrets | 26 | | 4 | 42 | 46 |
| | | | | | 0 |

- ASSURANCE STATEMENTS**
- Professionally accepted standards governing the care, treatment, and use of animals, including appropriate use of analgesic, anesthetic, and tranquilizing drugs, provided during and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
 - Each principal investigator has considered alternatives to painful procedures.
 - The facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be justified and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. (An explanation of the procedures providing pain or distress to these animals and the reasons such drugs were not used must be attached to this report.)
 - The licensing veterinarian for this research facility has agreed to provide a certificate to ensure the provision of appropriate veterinary care and to perform the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer (C.E.O.) or Legally Responsible Institutional Official (L.R.O.))
(Complete the above in full, correct, and complete (7 U.S.C. Section 2143))

SIGNATURE OF C.E.O. OR L.R.O.


NAME AND TITLE OF C.E.O. OR L.R.O. (Type or Print)
Danny O. Jacobs, MD, MPH, FACS
Exec. VP, Provost and Dean of the School of Medicine

DATE SIGNED
11/17/16

2016 USDA E-Level Statement Report

UTMB, Galveston Customer #1469

Registration # 74-R-0073

| Project Identifier | Species (number used) | E-Level Statement |
|--------------------|--------------------------|---|
| 1 | Ferret (42) | Animals were infected via the intramuscular, intraperitoneal or intranasal route with a disease causing agent known to cause signs of fever, flu-like symptoms, rashes, encephalitis, respiratory distress and or death. Analgesics were not used to avoid well-documented effects on the immune system and impact on disease progression or in masking of clinical signs. It is necessary to allow the disease to run its course without intervention to fully characterize the effect induced by interventional treatments. |
| 2 | Hamster (111) | Animals were infected via the intraperitoneal, intra-cerebrally, intranasal route under anesthesia with a disease causing agent known to cause signs including neurologic signs, lymphoid depletion, fever, ruffled fur, progressive slowing of activity, weight loss and or death. Analgesics were not used to avoid the well-documented effects on the immune system and its impact on disease progression or in masking of clinical signs. It is necessary to allow the disease to run its course without intervention to fully characterize the disease based on infectious dose and in some cases for the preparation of virus stocks. |
| 3 | Guinea Pig (424) | Animals were infected via or more of the following routes, intravaginal, intrarectal aerosol route, intramuscular, subcutaneous, intranasal, or intraperitoneal route under anesthesia with a disease causing agents. These agent are known to cause one or more of the following clinical symptoms: fever, rough hair coat, lethargy, paralysis, urine retention, anorexia, weight loss, fever, flu-like symptoms, rashes, encephalitis, respiratory distress, severe hemorrhagic fever, hemorrhage and or death. Analgesic, or tranquilizing drugs were not used to avoid the well-documented effects on the immune system and its impact on disease progression or in masking of clinical signs. It will be necessary to allow the disease to run its course without intervention to fully characterize the disease. |

2016 USDA E-Level Statement Report

UTMB, Galveston Customer #1469

Registration # 74-R-0073

| Project Identifier | Species (number used) | E-Level Statements |
|--------------------|--------------------------|---|
| 4 | Nonhuman primate (196) | Animals will be infected via the intratracheal or intramuscular, intranasal, intraperitoneal, oral, ocular or aerosol route under anesthesia with a disease causing agent known to cause one or more of the following clinical symptoms: fever, signs of pneumonia, non-specific malaise, flu-like symptoms, encephalitis, respiratory distress and/or death. Analgesic, or tranquilizing drugs were not used to avoid the well-documented effects on the immune system and its impact on disease progression or in masking of clinical signs. It is necessary to allow the disease to run its course without intervention to fully characterize the disease pathogenesis. |
| 5 | Rabbit (155) | Animals were infected via the aerosol route a disease-causing agent known to cause sudden death. Analgesic, or tranquilizing drugs were not used to avoid the well-documented effects on the immune system and its impact on disease progression or in masking of clinical signs. It is necessary to allow the disease to run its course without intervention to fully characterize the disease. |
| 6 | Sheep (5) | A peripheral nerve injury model will be used. The nerve injury will produce increased sensitivity localized to the skin surrounding the nerve injury in the hind limb. The skin will become sensitive to light touch and will cause the animal to avoid light touch in this area. Opioids will be given; the effect of analgesia will be measured over time to detect tolerance. The opioids will then be tapered off and the reversal of opioid tolerance will be measured. The animal's discomfort must not be treated with opioids during this time. The use of pain relief treatments will adversely affect the study and will not allow us to determine reversal of tolerance. |

2016 USDA Exception Statement Report

UTMB, Galveston Customer #1469

Registration # 74-R-0073

| Species | IACUC approved Exception to space requirements |
|---|--|
| Sheep (274) | Animals were maintained in metabolic stanchions for up to 48 hours prior to surgery for psychological adaption and then were maintained in the stanchions for up to 8 weeks post-surgery. The stanchions allow the sheep to stand or lie down in sternal recumbency. The animals were provided a high level of intensive care and monitoring. They were monitored 24 hours a day by research staff during the work week and observed minimally twice daily on weekends and holiday. |
| Species | IACUC approved Exception to sanitation of primary enclosures |
| Nonhuman primates (260) Guinea Pig (372) Ferrets (46) | <p>Exemption for animals housed in Allentown Rabbit IVC systems in the ABSL4 to the AWR for cleaning and sanitation of primary enclosures of every two weeks. Exemption provided due to personnel safety concern while performing the task in the ABSL4. Catch pan liners are changed no less than three times a week. The pans are hand cleaned using an appropriate disinfectant.</p> <p>There is an IACUC-approved exemption for NHP caging systems in the ABSL4 to the AER for cleaning and sanitation of primary enclosures every two weeks. This exemption was provided due to personnel safety concerns while performing this task in the ABSL4. Cage bottoms waste pans are hand-cleaned on a daily basis using disinfectant and water to remove organic material.</p> |

2016 USDA List of associated personnel

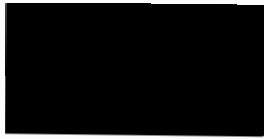
UTMB, Galveston Customer #1469

Registration # 74-R-0073

Danny O. Jacobs, MD, MPH, FACS

Executive Vice President, Provost and Dean of the School of Medicine

Institutional Official



Executive Director, Animal Resource Center

Attending Veterinarian



Jason E. Comer

Study Director-Regulated Studies

IACUC Chair



Sr. Manager Research Services, IACUC





Inspection Report

University Of Texas
301 University Blvd
Office Of The Associate Dean For Research
Galveston, TX 77550

Customer ID: **1469**

Certificate: **74-R-0073**

Site: 001

University of Texas Medical Branch at Galveston

Type: ROUTINE INSPECTION

Date: 30-JAN-2017

3.80(a)(2)(iii) CRITICAL

PRIMARY ENCLOSURES.

On October 1, 2016 animal T126123R escaped from its primary enclosure through a grooming panel because of a failed lock or the ability of the animal to manipulate the locking mechanism. The animal sustained an injury during the escape that resulted in euthanasia. Primary enclosures must be constructed and maintained so that they contain the non human primates securely and safely and prevent accidental opening of the enclosure, including opening by the animal.

The incident was reported to the IACUC prior to this inspection. Appropriate corrective action has been taken to prevent similar future escapes. Locks were removed from grooming panels, cable ties installed and staff has been re-trained on cage locking mechanisms and evaluating cage locking.

3.81(c)(2)

ENVIRONMENT ENHANCEMENT TO PROMOTE PSYCHOLOGICAL WELL-BEING.

The written facility environmental enhancement plan states that animals identified with evidence of psychological distress will have an appropriate plan developed to address the needs of the animal. The plan and any progress will be documented in the animal's medical record.

The medical record of animal 150849 documents signs of of psychological distress through behavior and appearance but does not adequately document a plan to address the enhanced needs of the animal or progress after periodic observations and intervention/treatment. The record indicates the animal exhibited stereotypical behavior in 2016 and recurring, intermittent soft stools attributed to stress since 2015. During this inspection alopecia was noted over at least 20 % of the body that was not documented. The animal was permanently exempted from any food enrichment because of a dietary sensitivity differential diagnosis.

The animal record does not provide information that sufficient special attention was provided to this animal regarding enhancement of the environment after the animal was identified as requiring additional considerations by

Prepared By:

MOORE MARY, D V M USDA, APHIS, Animal Care

Date:

06-FEB-2017

Title: VETERINARY MEDICAL OFFICER 1044

Received By:

Title: ATTENDING VETERINARIAN/EXECUTIVE DIRECTOR

Date:

07-FEB-2017



Inspection Report

facility personnel. The facility should review the environmental enhancement plan and ensure it contains adequate provisions for special considerations necessary for those animals exhibiting signs of psychological distress and that documentation is complete enough to demonstrate compliance with the facility plan and the requirements under the Animal Welfare Act.

Correct by: March 1, 2017.

The inspection was conducted 1/30/2017-2/2/2017 with the attending veterinarian, clinical veterinarians, senior IACUC manager and USDA.

The exit interview was conducted on 2/2/2017 with the IACUC chair, attending veterinarian, clinical veterinarians, senior IACUC manager and USDA.

Additional Inspectors

Digesualdo Cynthia, Veterinary Medical Officer

Pannill Elizabeth, Veterinary Medical Officer

Prepared By:

MOORE MARY, D V M USDA, APHIS, Animal Care

Title: VETERINARY MEDICAL OFFICER 1044

Date:

06-FEB-2017

Received By:

Title: ATTENDING VETERINARIAN/EXECUTIVE DIRECTOR

Date:

07-FEB-2017



Inspection Report

University Of Texas
301 University Blvd
Office Of The Associate Dean For Research
Galveston, TX 77550

Customer ID: **1469**

Certificate: **74-R-0073**

Site: 001

University of Texas Medical Branch at Galveston

Type: ROUTINE INSPECTION

Date: 09-JAN-2018

No non-compliant items identified during this inspection.

This inspection was conducted 1/9/2018-1/10/2018 with the attending veterinarian, clinical veterinarians, senior IACUC manager and various facility staff members. The exit interview was conducted on 1/10/2018 with the attending veterinarian, clinical veterinarians, senior IACUC manager and IACUC chair.

Additional Inspectors

Digesualdo Cynthia, Veterinary Medical Officer

Tomlinson Simone, Veterinary Medical Officer

Prepared By:

MARY MOORE

Digitally signed by MARY MOORE
Date: 2018.01.16 09:46:50 -06'00'

MOORE MARY, D V M USDA, APHIS, Animal Care

Date:

16-JAN-2018

Title: VETERINARY MEDICAL OFFICER 1044

Received By:

SENT VIA EMAIL

Date:

16-JAN-2018

Title: ATTENDING VETERINARIAN/EXECUTIVE DIRECTOR

Self report to USDA via phone
February 12, 2018

A non-human primate was discovered dead in his home cage during daily health monitoring checks on Sunday, Feb. 11, 2018. The animal was apparently playing with a toy meant to promote normal foraging behavior and enhance his overall health and well-being, which is an enrichment activity that is required by the USDA, and managed to slip his head through a small loop of chain that held the toy to his cage and got stuck. We believe that the monkey panicked and his actions drew the chain tighter, cutting off his air supply. The incident was immediately reported to institutional officials and oversight agencies and the toy and others similar to it were removed from all cages pending further study. We are deeply saddened and concerned that this has happened despite our compliance with all best practices and are taking steps to minimize the possibility of this happening again.



Inspection Report

University Of Texas
301 University Blvd
Office Of The Associate Dean For Research
Galveston, TX 77550

Customer ID: **1469**

Certificate: **74-R-0073**

Site: 001

University of Texas Medical Branch at Galveston

Type: FOCUSED INSPECTION

Date: 02-APR-2018

No non-compliant items identified during this inspection.

The inspection included review of animal records and IACUC documents.

This inspection and exit interview were conducted with the ARC associate director and the IACUC manager.

Prepared By: **MARY MOORE**
MOORE MARY, D V M
USDA, APHIS, Animal Care

Digitally signed by MARY
MOORE
Date: 2018.04.06 08:17:16
+05'00'

Title: VETERINARY MEDICAL OFFICER 1044

Date:
06-APR-2018

Received By: _____
SENT VIA EMAIL

Title: ASSOCIATE DIRECTOR ARC

Date:
06-APR-2018



Species Inspected

| Cust No | Cert No | Site | Site Name | Inspection |
|---------|-----------|------|---|------------|
| 1469 | 74-R-0073 | 001 | University of Texas Medical Branch at Galveston | 02-APR-18 |

No Animals were Inspected.

| Count | Scientific Name | Common Name |
|--------|-----------------|-------------|
| 000000 | NONE | NONE |
| 000000 | Total | |



Inspection Report

University Of Texas
301 University Blvd
Office Of The Associate Dean For Research
Galveston, TX 77550

Customer ID: **1469**

Certificate: **74-R-0073**

Site: 001

University of Texas Medical Branch at Galveston

Type: FOCUSED INSPECTION

Date: 12-SEP-2019

No non-compliant items identified during this inspection.

This inspection was conducted with the attending veterinarian and senior IACUC manager.

The exit interview was conducted with the attending veterinarian.

Prepared By:

MARY MOORE

MOORE MARY, D V M

Title: VETERINARY MEDICAL OFFICER 1044

Received By:

SENT VIA EMAIL

Title: ATTENDING VETERINARIAN/EXECUTIVE DIRECTOR

Date:

12-SEP-2019

Date:

13-SEP-2019



Species Inspected

| Cust No | Cert No | Site | Site Name | Inspection |
|---------|-----------|------|---|------------|
| 1469 | 74-R-0073 | 001 | University of Texas Medical Branch at Galveston | 12-SEP-19 |

No Animals were Inspected.

| Count | Scientific Name | Common Name |
|--------|-----------------|-------------|
| 000000 | NONE | NONE |
| 000000 | Total | |