

## List of USDA Protocols 10/1/2021 – 9/30/2022

PI Name	Protocol #	Species	Approved Animal Numbers (3-Year Total)	Highest Pain Category	Exception
(b) (6), (b) (7)(C)	<a href="#">IS00003315</a>	NHP	36	D	Multiple survival surgeries (same protocol) *Also included one USDA-approved exception for MSS on multiple protocols as (b) (6), (b) (7)(C) transferred animals from Washington University



United States Department of Agriculture

February 22, 2022

Animal and  
Plant Health  
Inspection  
Service

Animal Care  
4700 River Rd  
Riverdale,  
MD 20737  
(301) 851-3751

Lisa M. Muto, PhD  
Executive Dean for Administration and Institutional Official  
Harvard Medical School  
25 Shattuck St., Suite 408  
Boston, MA 02115

Dear Dr. Muto:

I reviewed your request submitted February 4, 2022, for an exception to the regulatory requirement under 9 C.F.R. § 2.31(d)(1)(x), that limits an animal to one major operative procedure. You wish to use four rhesus monkeys under Protocol #IS00003315 entitled 'Neurophysiology of Scale-Independent Recognition in Monkeys'. These animals are #131343R, #131367R, #131983R and # 6568. They will undergo cranial headpost implantation with craniotomies for subdural array placement. This work is a continuation of previous studies performed at Washington University in St Louis. The additional information provided by (b) (6), (b) (7)(C) on February 16<sup>th</sup>, clarified that the limit of five major operative procedures includes the work previously performed, and also clarified that the screws used to affix the cranial headpost are not intended to penetrate the cranial cavity.

Your exception is approved from February 22, 2022 to August 31, 2024, as a Special Circumstance with the following provisions:

1. All work is performed in accordance with Protocol # IS00003315.
2. No work is performed after the expiration of the protocol.
3. All animals under this exception undergo no more than three additional craniotomies during this approval period.
4. No other major operative procedures are performed for research purposes without written approval from the IACUC and this office.
5. Adequate recordkeeping is maintained regarding the number of surgeries performed.
6. The IACUC evaluates the care and treatment of the animals during the semiannual inspections.

This approval is in accordance with 9 C.F.R. § 2.31(d)(1)(x)(C). Any failure to abide by the provisions will result in the automatic withdraw of this approval.

A new exception request is required in the event an extension is necessary. The request can be submitted to the Fort Collins Office. Questions regarding this approval can be directed to your inspector, the Fort Collins office at (970) 494-7478, or submitted to [animalcare@usda.gov](mailto:animalcare@usda.gov). Thank you.

Sincerely,

ELIZABETH  
GOLDENTYER

Digitally signed by ELIZABETH  
GOLDENTYER  
Date: 2022.02.22 10:06:21 -05'00'

Dr. Betty Goldentyer  
Deputy Administrator of APHIS-Animal Care