

University of Utah Exception Report

Exception to the regulatory requirement under 9 C.F.R. 2.31(d)(1)(x)

- Common name and/or species name: *Two common marmosets (Callibrix jacchus)*
- What the exception is: *Approval for use of an animal in more than one major operative procedure from which it is allowed to recover on more than one protocol. The IACUC approved this exception on November 18, 2020 and USDA/APHIS-Animal Care approval was granted January 15, 2021. USDA/APHIS-Animal Care Exception expired on September 15, 2021.*
- Why the exception was required: *The study requires taking neural recordings and monitoring optogenetic perturbations on neural circuits while the animals perform visual tasks. The required behavioral training and survival surgery were performed at another institution.*

Exception to the regulatory requirement under 9 C.F.R. 2.31(d)(1)(ix)

- Common name and/or species name: *Three pigs (Sus domesticus)*
- What the exception is: *Approval to perform a major operative procedure in which the animal is allowed to recover in the MRI (not a dedicated surgical suite). The IACUC approved this exception on March 1, 2021.*
- Why the exception was required: *As the procedure is to test an MRI-guided thermography measurement, conducting the procedures inside the MRI is required.*

Exception to the regulatory requirement under 9 C.F.R. 2.31(d)(1)(ix)

- Common name and/or species name: *Six pigs (Sus domesticus)*
- What the exception is: *Approval to perform a major operative procedure in which the animal is allowed to recover in the MRI (not a dedicated surgical suite). The IACUC approved this exception on March 1, 2021.*
- Why the exception was required: *As the procedure is to test an MRI-guided laser therapy, conducting the procedures inside the MRI is required due to the need for real-time MRI imaging for surgical guidance.*