

To: terasawa_ei
 From: [REDACTED]
 Subject: protocol review
 Cc: [REDACTED]
 Bcc:

X-Attachments:

Hi Ei:

Following are the questions raised yesterday from the Graduate School ACUC meeting on your protocol titled, "The Study of the Hypothalamus." Please submit a "rewrite" to Holly [REDACTED] so the review can take place on May 28. Highlight your responses by **bolding/underlining** in the appropriate number. Thank you. [REDACTED]

- *Q#12 – Please correct spelling of "lutinizing."
- *Q#17a (4th paragraph – narrative) – Multiply the number of probes insertions (15) times the maximum drugs per experiments (3) and give that number as the maximum number of different drugs used on any one animal. (This gives an accurate accounting of how much drug each animal could get.)
- *Q#17a (4th paragraph – narrative and Table 5) – Revise narrative to reflect the concentration of the drug in solution so that the protocol will match the lab log books. In the table title the column "solution concentration" rather than "dose." This will show the maximum concentration given rather than the doses given.
- *Q#17a – Project 2, point 3 – Regarding the chronically implanted cannula in the ventricle, cite relevant publication referencing successful use of this method.
- *Q#17a – Project 2, point 3 – Describe the cannula replacement procedure and the conditions under which it would be replaced, (e.g., clogged). You may cite publications that support your statement. Also, ensure the use of aseptic techniques.
- *Q#17b (4th paragraph – 2nd sentence) – Strike "we believe" so that it reads, "We will submit an amendment of this protocol for the detailed..."
- *Q#17b (1st full paragraph – 4th line) – Explain that immediately really means immediately, and you are not waiting for recovery from anesthesia, and why this is necessary to establish a baseline.
- *Q#17b under Fig. 2 – Change "comfortable" to "signs of being adapted."
- *Q#17b under Fig. 2, paragraph under "Healthy appearance" – Referencing the sentence "(the training process) could be truncated." Change "truncated" to "accelerated" and explain that training could be accelerated for an animal that is adapting quickly.
- *Q#18 – 1st paragraph – In the sentence, "animals will be checked for sores," change "sores" to "skin abrasions" (also in Q#19). Delete "if the animal shows any sign of discomfort," indicating that padding is provided at all times.
- *Q#19 – Indicate the maximum time that would occur between the noted checks whether 2X, 3X, or 4X daily. Note that animals will be checked for "proper jacket fit" (removing references to "soreness" or "redness").
- *Q#20 – Discuss the potential for chronic impact on the hypothalamus. You may refer to publications or past experiments that demonstrate the result of some maximum number of probe insertions.
- *Q#21/27 - The correct dose is 120 mg/kg for rat euthanasia.
- *Q#27 point 6 – Include the maximum number of microdialysis probe insertions per animal (15) here.
- *Q#29 – Include monitoring animals recovering from anesthesia. Define "intensively monitoring," and for how long after recovery you will monitor. Describe the signs being monitored.
- *Q#30b – Indicate that replacement surgery will take place no earlier than six months from the time the first cannula is removed.
- *Throughout the protocol, please change "cannula" to "microdialysis probe" where appropriate.
- *Throughout the protocol, please change "push-pull experiment" to "microdialysis experiment."
- *Throughout the protocol, please change "comfortable" (as in "monkeys are comfortable") to "signs of being adapted" when referring to restraint.
- *Throughout the protocol, please change all reference to "sores" to "skin abrasions."