

17th May 2024

[NUS Internal]

**** IACUC Notice: IACUC/2024/04 ****

** IACUC Notice 2024-2 ** | Related to (1) breeding protocols & amendments and (2) the use of pharmaceutical grade substances.

Dear PIs,

1. [NACLAR Guidelines 2022](#) (pg 9, para II.4.3.4) states that “*Breeding of animals **must** be managed to avoid, or minimise, the production of excess animals*”. To facilitate the review and approval of animal breeding, IACUC has introduced a template for section 2.8 of Breeding protocols (see attached). It is also anticipated to help to reduce the number of questions raised on the alignment of strains and animal number between research and breeding protocols and amendments during IACUC review. Do feel free to provide feedback and suggestion for improvement on the template, if any. Please be informed that the attached template need to be completed and submitted with the following:

1. all new breeding protocols including renewal; and
2. any amendments to breeding protocols that involved addition of strains or changes in animal numbers.

2. IACUC would also like to remind PIs and researchers that the animal numbers must be similarly aligned in both research and breeding protocols and amendments (see point 1 above), with a permissible variation of not more than 5% or a maximum of 50 whichever is the lower.

3. In addition, [NACLAR Guidelines 2022](#) (pg 66, para III.4.7.4) states that “*For research purposes, i.e. when the compounds are used to accomplish the scientific aims of the study, pharmaceutical-grade substances **must** be used if available, and suitable*”. Hence, PIs are advised to use pharmaceutical grade substances for *in vitro* studies if they planned to eventually moved into *in vivo* animal model.

Thank you for your kind attention and we wish you all the best in your work with animals !!

IACUC office (on behalf of IACUC)
(Transmitted via email)