



Home Office

PPL Standard Condition 18 Notification Form

Please use this form to notify the Animals in Science Regulation Unit (ASRU) of procedural-related adverse effects that have exceeded or are likely to exceed the severity limitations or controls described in the project licence. ASRU will use this information to determine whether any further action is required.

Do not use to report:

- adverse effects that are due to non-procedural issues;
- potential non-compliance (report by other means);
- issues without adverse welfare consequences.

If you are in doubt whether or not you need to fill in this form, please contact your assigned Inspector.

Please clearly title your document: **'ASRU_establishment name_PPL number_PPLh surname_date_sc18'** and send to your Inspector (e.g. using cjsm) with the subject heading 'PPL SC 18 Notification PPL [Number]

Establishment Licence name	University of Cambridge
Establishment Licence number	X81BD37B1
Name of PPL holder	Maria P. Alcolea
PPL number	PP7037913
Protocol no	06
Protocol title	Changes in epithelial cell behaviour over time (Moderate)
Severity classification	Moderate
1. Date of incident	25/07/2024
2. Species	Mouse (M00827665)

3. Brief details of study and how the limits or constraints have been breached	This animal was part of a study plan (SP141424) cohort where a gene expression modulating substance (Tamoxifen, 3 mg / 20g body weight) was administered intraperitoneally on 22/07/2024. The animal was supposed to be injected with cell labelling agent (EdU) 72h hours later (25/07/2024) and collected after 2 hours chase. However, it was found dead 72h after the administration of Tamoxifen on the morning of 25/07/2024 by an animal technician. Animals were checked daily and weight loss of <1% had been reported the day after administration, an adverse effect which sometimes occurs. Usually mice recover within a few days. No other signs of ill health were reported. 2 other mice in the study plan lost weight as well, showing no other signs of ill health. Supplements were provided and both gained weight back.
4. Have you taken advice from the Named Animal Care and Welfare Officer/Named Veterinary Surgeon/others?	The vets have been contacted and asked for advice. We will further discuss with NVS after the histological analysis and collection of untreated mice to decide on action to take.
5. Cause of Problem, if known	The animal was examined post mortem, and found to have been dead for a while. The liver looked a bit pale, but no other abnormalities were found. Weight was normal, no signs of ill health prior to being found dead. Cause of death is therefore unknown, although we could speculate it could be related to the tamoxifen injection that the animal received 3 days ago. We will further investigate that together with the NVS.

6. Action that has been or will be taken	The organs of this animal were dissected for histological analysis and further investigation. Liver and intestine were fixed for histology. Vets have been contacted for advice. Both injected and not injected animals from the same line will be examined upon collection to look for potential adverse effects of the Tamoxifen treatment, although this has been well tolerated in our previous studies with rare occasions of complications leading to animal death/Sch1.
7. Reported by (name)	Undine-Sophie Deumer, animal found by Ross Jarvis
8. Date	25/07/2024

*****For official use*****

Inspector's comments and recommendations:

Comments and recommendations	
Inspector name	
Date	