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
Severity classification	Moderate

1. Date of incident	Wednesday 9th July 2025
2. Species	Mouse (M01413013) and (M01413015)
3. Brief details of study and how the limits or constraints have been breached	This study plan (SP148012) consists of a single administration of a gene expression modulating substance (tamoxifen) by intraperitoneal injection at three different concentrations (5ul/g from a 50mg/ml, 5mg/ml or 1mg/ml stock concentration) to fluorescently label distinct fibroblast populations depending on the dose administrated. The study plan includes in total 12 animals and two out of four animals that received the lowest dose were found dead. On the 7th July, the mice in this study plan received an IP injection of tamoxifen. 2 days after the injection on the 9th of July one of the animal was found dead during the morning checks and the other during the afternoon checks. The notification from the technician who was performing the daily monitoring of these animals mentioned that both animals looked quite active and alert and were behaving normally on the health checks carried out before they were found dead, although a weight loss of 5-8% was recorded. Note, this is within limit of 15% loss allowed in our study. We have performed this procedure multiple times before in other genetically modified mouse lines without complications or adverse effects. Therefore, this finding was a surprise as there were no signs that prompted us to take any action before this unfortunate event.
4. Have you taken advice from the Named Animal Care and Welfare Officer/Named Veterinary Surgeon/others?	This has been discussed with the facility NACWO Julie Soffe. All other animals in the study plan are being closely monitored and show no weigh loss or clinical signs. All animals will be sch1in a week time as planned or earlier if any health concern is observed.

5. Cause of Problem, if known	This is the first time we had an animal with complications in this protocol without showing any signs of ill health such as being hunched or piloerection during the time between the procedures and the date of death. Upon the dissection it was noted that intraperitoneal space contained significant volume of cloudy liquid with particles which did not resemble oil used for tamoxifen prep. This could be a result of an accidental puncture of cecum during the injections.
6. Action that has been or will be taken	All other animals in the study plan are being closely monitored and show no weigh loss or clinical signs. All animals will be sch1in a week time as planned or earlier if any health concern is observed. The organs of one of the animal that was found dead animal were dissected for histological analysis and further investigation.
7. Reported by (name)	Greta Skrupskelyte animal found by James Drummond
8. Date	09/07/2025

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

Inspector's comments and recommendations:

Comments and recommendations	
Inspector name	
Date	