



Home Office

210308 FD

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, Anne McLaren Building
Establishment Licence number	X81BD37B1
Name of PPL holder	Brian Huntly
PPL number	PP3042348
Protocol no	7
Protocol title	Study of the impact of cell extrinsic factors on normal, pre-malignant and malignant haematopoiesis through transplantation

Severity classification	moderate
1. Date of incident	30/08/21
2. Species	Mus musculus
3. Brief details of study and how the limits or constraints have been breached	Study plan: SP110973. The study involves the generation of a mouse chimaera to study the impact of extrinsic factors to the development of malignancy. The mouse was injected intraperitoneally on the 21st June 2021 with splenocytes from the TCL1 mouse model to generate a diseased mouse model to study leukemia. Peripheral blood was analysed by flow cytometry 2 weeks before the death (17/08/21) and although some engraftment was seen it was not concerning. Mice were weighed on 23/08/21 and monitored on 26/08/21 and 27/08/21 with no signs of ill health in this mouse. Spleen analysis post-mortem indicated engraftment of the tumour.
4. Have you taken advice from the Named Animal Care and Welfare Officer/Named Veterinary Surgeon/others?	n/a
5. Cause of Problem, if known	The mouse was found dead with no obvious cause. Upon dissection of the mouse the spleen was found to be enlarged indicating tumour engraftment.
6. Action that has been or will be taken (For example, formulation of drug changed, supportive treatment given, study design modified). If no action needed, indicate why (for example, none required as study has been terminated and will not be repeated)	The remaining mice under the study plan will be carefully maintain under observation (e.g weight). FACS analysis will be performed every two weeks to determine the level of engraftment.
7. Reported by (name)	Andrew Moore
8. Date	31/08/21

Commented [ISM1]: When was the injection made and what was injected?

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

Inspector's comments and recommendations:

Comments and recommendations	Thank you for this PPL Standard Condition 18 notification. There have been adverse effects that are not covered by the adverse effects of protocol 7 and therefore this incident as described has triggered a SC18 report. I am satisfied that the incident has been investigated and reported appropriately and that the measures that you intend to put in place to prevent or limit the risk of recurrence are reasonable. I consider the case to be closed.
Inspector name	Ian Mason
Date	13 th September 2021