



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	Designated area within the University of Cambridge, Anne Maclaren Building
Establishment Licence number	X81BD37B1
Name of PPL holder	Brian Huntly
PPL number	PP3042348 (Huntly) Investigation of normal haematopoietic stem cell subversion and the evolution, maintenance and targeting of haematological malignancies
Protocol no	7
Protocol title	[Moderate] 07 Study of the impact of cell extrinsic factors on normal, pre-malignant and malignant haematopoiesis through transplantation (Mice)

Severity classification	Moderate
1. Date of incident	31/05/22
2. Species	Mouse
3. Brief details of study and how the limits or constraints have been breached	A mouse on the study plan SP127615 was found dead on 31/05/22. Animals on this study are used as primary recipients to assess the engraftment potential of a malignant population generated from a previous mouse model. This animal was lethally irradiated on 17/05/22 and injected with malignant cells mixed with healthy helper bone marrow cells. The mouse was then monitored daily, weight was recorded and mash diet was given as specified in the study. The mouse showed a modest weight loss in the early days post-irradiation. Weight loss is common after irradiation and it was still within the limit authorised in the study. Weight was recorded again on day 7 and day 10 post-irradiation, and was indicating stabilization. The mouse was monitored daily and no clinical signs were seen on these occasions that would have indicated discomfort or disease. The necropsy revealed enlarged spleen. Decomposition was too advanced and had compromised tissues for downstream analyses. No tissues were taken.
4. Have you taken advice from the Named Animal Care and Welfare Officer/Named Veterinary Surgeon/others?	An email was sent to the NACWO for advice and action that could be implemented to try to prevent this in the future
5. Cause of Problem, if known	Disease
6. Action that has been or will be taken <i>(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)</i>	No tissues were taken due to advanced decomposition which had compromised tissues for downstream analyses.
7. Reported by (name)	Nathalie Sakakini/Ryan Asby

8. Date	31/05/21
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*******For official**
use*****

Inspector's comments and recommendations:

Comments and recommendations	
Inspector name	
Date	

CONFIDENTIAL