



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	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	05-03-2023
2. Species	Mouse

3. Brief details of study and how the limits or constraints have been breached	the mice were lethally irradiated with 11G splitted into two separate doses on 21-Feb and were injected with modified murine haematopoietic progenitor cells via tail vein injection on 22-Feb. One of the mice were found dead on 05-03-2023 and another one culled due to weight loss of 22%
4. Have you taken advice from the Named Animal Care and Welfare Officer/Named Veterinary Surgeon/others?	No. we don't think the advice is deemed necessary at this moment. We will seek further advice from NACWOs if needed in the future.
5. Cause of Problem, if known	It is highly likely due to failure of engraftment of the implanted cells. Autopsy showed the affected mice have very small spleens and flow cytometry analysis showed the absence of donor cells.
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>	Increased frequency of monitoring/weighing: the remaining mice are being monitored for any signs of discomfort or illness daily and weighed daily or every other day. If the amount of weight loss approaches 20%, or if the animal demonstrates signs of ill-health (piloerection, hunching, reduced activity) that persist for more than 24 hours, the animal will be humanely culled.
7. Reported by (name)	Chun Gong
8. Date	06-03-2023

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

Inspector's comments and recommendations:

Comments and recommendations	
Inspector name	

Date	
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