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	Menna Ruth Clatworthy
PPL number	PD030666A
Protocol no	12
Protocol title	Gut Inflammation and Infection
Severity classification	Moderate

1. Date of incident	8/02/2020
2. Species	Mouse
3. Brief details of study and how the limits or constraints have been breached	This study involved giving a cohort of 9 WT C57BL/6 mice 2% DSS in drinking water to induce gut inflammation (Protocol 12, 7a) for five days followed by switching back to normal drinking water for 14 days, followed by a final five days on 2% DSS in drinking water in order to monitor immune cell population changes in the gut. 3 days after switching back to normal water on the first course of 2% DSS, one male mouse was found moribund by technicians in the animal facility and culled by Sch 1. The mice had all been weighed the previous morning and had not fallen below 85% weight loss and were not exhibiting bloody diarrhoea or loose stool.
4. Have you taken advice from the Named Animal Care and Welfare Officer/Named Veterinary Surgeon/others?	The NAWCO suggested submitting tissues for histology to help determine a cause, however the tissue was already disposed of.
5. Cause of Problem, if known	Gross analysis of intestinal faecal content revealed a small amount of blood in the stool of the colon, but not beyond what would normally be seen at this time point in mice receiving intestinal inflammation via 2% DSS administration.
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)*	This was a highly unusual adverse event for a mouse receiving a 2% course of DSS administration and occurred 3 days after they had been switched back to normal drinking water. Mice will continue to be weighed daily on this protocol and the stool in their cage checked for blood content as a proxy for intestinal inflammation. All the other general health monitoring contained in the protocol will continue to be adhered to.
7. Reported by (name)	Aaron Fleming
8. Date	9/03/2020

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

Inspector's comments and recommendations:

Comments and recommendations	
Inspector name	
Date	