



PHE CRCE Chilton AWERB summary of meetings and activities 2018

1. Structure

The committee consists of the:

- Chair
- Secretary
- named persons (NACWO, NVS, NTCO, NIO and NCO HOLC)
- representative project (PPL) and personal (PIL) holders
- animal technicians, plus internal and external lay members (according to the PHE AWERB terms of reference)

The full AWERB committee met on 2 occasions during 2018. The NACWO was absent from the third meeting, thus it was not considered a formal AWERB meeting (according to the quorum in the PHE AWERB terms of reference). However, this meeting was conducted as usual.

2. Project licences

The AWERB reviewed one new PPL application during 2018:

'Toxicity mechanisms of inhaled environmental particles' – aimed to investigate the response of the respiratory and immune systems to inhaled particles such as those present in air pollution. This was approved by the Home Office in November 2018.

AWERB continued to support the ongoing PPL application process of 'Potential toxicities of e-cigarette aerosol exposure'. This was approved by the Home Office in

October 2018. Four PPLs underwent retrospective review as part of mid-term or end-of-term reports:

1. Mid-term Report PPL30/3290: Intestinal Carcinogenesis Studies.
2. End of Licence report PPL30/2963: Sensitivity of the Lens Epithelium to Ionising Radiation.
3. End of Licence Report PPL/30/3021: Mechanisms and Modes of Xenobiotic Toxicity.
4. End of Licence Report PPL30/3071: Inflammatory response to nanoparticles.

Summaries of project achievements and application of the 3Rs were presented by the holders and discussed by AWERB, noting any lessons learned.

3. Presentations

Presentations of the PPL applications and licence reports described above were given to AWERB.

Standing items discussed at meetings and/or by circulation to members are listed below.

Minutes of the last meeting.

Reviews/actions of matters arising/verbal updates (including trial of new format for mid-term and end-of-term reports – well received with further improvements to focus emphasis on the 3Rs and to include what:

- went well/not so well/lessons learned
- continued refurbishment of the animal facility
- correspondence from the Home Office; interaction with other AWERBs and relevant bodies

Personal Licences (including ongoing review of numbers active and to revoke those no longer required)

NACWO report (including review of animal use over previous year in first meeting of the year)

NVS Report.

Training, which included the:

- 3Rs and lessons learned (included discussion of trial of a body conditioning tool to monitor animal welfare)
- successful reduction of animal numbers on one PPL
- successful refinement of treatment dose (lower than previously proposed) and refinement of procedures to reduce stress to the animals on 2 PPLs