

## ANIMAL WELFARE & ETHICAL REVIEW BODY

Minutes: 1:30pm, 12<sup>th</sup> July 2022, Online meeting

	Items.	AWERB Outcome
1	Attendance: 11 x Committee members.	
2	Minutes of the last meeting.	
2.1	Approved and finalised for ASUMB.	Ongoing
3	Matters arising from the notes of previous meeting (14 <sup>th</sup> June 2022)	
3.1	3.1 Biostatistician recruitment has been confirmed as an academic post recruitment will start in September 2022.	Ongoing
3.2	3.2 Generation of communal SOPs for audit preparation.	Ongoing
3.3	3.3 Lay member recruitment progressing, with advert placed in staff bulletin. AWERB raise concerns regarding likely volunteer time due to increasing University-wide workloads. Members suggest an in-built job role to recognise, protect and support the time allotted.	Ongoing. Chair to discuss with ELH
3.4	3.4 Governance routes for commercial work carried out under service PPLs	Ongoing
3.5	3.6 Paper to be prepared by Chairs regarding the approach to dissemination of animal research related materials and increasing transparency	Ongoing
3.6	14.1 AWERB Hub meeting planning	Ongoing
3.7	Inclusion of new 3Rs section to agenda	Complete
3.8	Farewell to Scientific Member leaving institution	Complete
3.9	Revisions received and approved for: PPLAmend.1Jun22, VIN.2 Jun, UIN.1 Jun	Complete
4	Chair's Report	

4.1	Follow up comments from recent AWERB Workshop, including new AWERB Recognition programme	Approved and will update upon progression.	
4.2	ELH support for yearly 3Rs prize for Bristol, with Technical and Academic sections.		
4.3	Discussion around future ELH participation. AWERB to request ELH attend a minimum of one full AWERB meeting and consider holding an annual PPL holder meeting. AWERB to consider planning an Annual Review meeting.		
4.4	NC3Rs Self-Assessment Institution review to be worked on by AWERB Chair, NVS and NC3Rs regional manager.		Ongoing
4.5	Culture of Care subgroup to be formed.		
4.6	Increase visibility of AWERB on ASU Intranet		ASU Governance to gather photos and bios of consenting members
5	NTCO Report.		
5.1	Training and Competency monthly review discussed.		
5.2	New online PIL Interview Form has progressed well.		
6	NIO Report.		
6.1	External tissue sharing initiatives have been added to the relevant intranet pages.		
6.2	Annual numbers of scientific procedures using animals published on external webpage		
6.3	New standardised GAA breeding protocols issued by the Home Office are present on the relevant guidance page		
6.4	ASRU have run a trial of the AWERB Report forms and are currently reviewing the process, we will be hearing more from them in due course.		
6.5	Increase in activity on recent new communication routes and sharing initiatives.		
7	NVS Report.		

7.1	Updated guidance for reporting Standard Condition 18 with respect to GAA breeding. PPLs with GAA protocols to include amended standardised writing.	
7.2	One SC18 report filed. No welfare concerns or expected further actions.	
7.3	Discussion of how to ensure up-to-date competency records at time of application submission. Ensure PPL applicants receive clear information as to how to update their T & C records at time of receipt.	Update relevant guidance page. NVS to include reminder when first receiving application. Formalise the T & C Review section of PPL with feedback to applicant at the meeting.
8	NACWO reports.	
8.1	New scratch pads and brush enrichment for large animals	
8.2	Large animal team are on the lookout for new potential enrichments for sheep.	
9	3Rs Updates	
9.1	GW4 3Rs Symposium details to be circulated shortly.	
9.2	New grant opportunities to be circulated.	
9.3	Upcoming 3Rs webinar.	
9.4	Discussion of relevant distribution routes for new of invertebrate model workshop.	
9.5	News of upcoming 3Rs prize event.	
10	Project Licences – New Applications.	
10.1	PPL.1Jul22 - Application has been previously approved through an AWERB at a different Establishment and through the Home Office.  Aims: To better understand how the bacteria <i>Salmonella</i> , <i>Campylobacter</i> and <i>E Coli</i> behave during infection in chickens. Determine the role the normal gut bacteria plays in the development of a healthy gut, how it interacts with the	Approved subject to minor addition.

immune system and its role in prevention of infection, and to understand how antimicrobial use can change the normal gut bacteria and its role in resistance to these drugs. Investigate the use of vaccines or probiotics or faecal transplant to improve gut health and reduce pathogen carriage.

Benefits: These infections in chickens pose serious animal and public health concerns. The microbiome is involved in development of the gut and the intestinal immune response and may also form a barrier to infection therefore understanding this may lead to control measures that can decrease infections

Harms: Infections in chickens, largely mild or without obvious disease although a smaller number may develop more significant symptoms (diarrhoea, anorexia)

Discussion:

- Implementation at new location and facilities
- Monitoring be undertaken
- Translation and likely impact
- Sample size and interactions
- Animal management and group sizing
- Dose of challenge
- Previous work experience carried out so far under the licence
- Supplier origins

11	Project Licences – Amendments.	
11.1	PPLAmend.1Jul22 Additional steps to protocol to induce bacterial challenge with antibiotic treatment. Breeding updated in terms with new HO guidance	Approved
11.2	PPLAmend.2Jul22 Change in licence holder Addition of new light protocol for retinal degeneration. Update to adverse effects Breeding updated in terms with new HO guidance	Approved subject to minor clarification
11.3	PPLAmend.3Jul22 Change in licence holder Breeding updated in terms with new HO guidance	Approved
11.4	PPLAmend.4Jul22 Update to adverse effects Breeding updated in terms with new HO guidance	Approved
12	Project Licence Reviews	
12.1	Mid Term Reviews (None)	
12.2	Home Office Retrospective Reviews.	
12.2.1	(None)	
12.3	Final Reviews.	
12.3.1	(None)	Approved
13	Report on Non-Regulated Projects UIN and VIN applications.	
13.1	Non-Regulated Projects – UINs  Reviewed: UIN.1 - 6 AWERB approved: 1-6 AWERB approved pending clarifications: 2 AWERB did not yet approve:	Secretary to inform
13.1.1	UINs to note:	

	2 – addition of autoclave cleaning step.	
13.2	<p>Non-Regulated Projects – VINs.</p> <p>Reviewed: VIN.1-5  AWERB approved: 1-3, 5  AWERB approved pending clarifications: 4  AWERB not yet approved:</p>	Secretary to inform
13.2.1	<p>VINs to note:</p> <p>4 – transfer of anonymised data</p> <p>5 – request to ask findings to be shared with AWERB</p>	
14	Non-Regulated Projects - UIN and VIN amendments (None)	
15 15.1	<p>AWERB Hub.</p> <p>Awaiting confirmation of visit dates from facility manager.</p>	Ongoing
16 16.1 16.2	<p>For Information.</p> <p>New veterinary guidance released which includes reference to AWERB requirement to review animal use for teaching.</p> <p>VIN Reviewer to update guidance including questions for follow-up contact studies.</p>	
17	Any Other Business. (None)	
18.	<p><b>Dates of Next Meetings</b> (Online until further notice):</p> <p>Dates arranged across the next academic year.</p>	