

## ANIMAL WELFARE & ETHICAL REVIEW BODY

Minutes: 1:30pm, 13<sup>th</sup> September 2022, Online meeting

	Items.	AWERB Outcome
1	Attendance: 10 x Committee members. Chair as lay reviewer for this meeting.	
2	Minutes of the last meeting.	
2.1	Approved and finalised for ASUMB.	Ongoing
3	Matters arising from the notes of previous meeting (12 <sup>th</sup> July 2022)	
3.1	3.1 Academic post of biostatistician recruitment.	Ongoing.
3.2	3.2 Generation of communal SOPs for audit preparation progressing	Ongoing.
3.3	Facility audit carried out by the Home Office this week.	Complete.
3.4	3.3 Potential new lay member will observe next meeting. Chair is following up further recruitment routes.	Ongoing
3.5	3.4 Governance routes for commercial work carried out under service PPLs.	Ongoing
3.6	3.6 Paper regarding the approach to dissemination of animal research related materials and increasing transparency discussed and soon to be reviewed by ASUMB.	Ongoing
3.7	4.4 NC3Rs Self-Assessment Institution review to be worked on by Chair, NIO, NVS and NC3Rs regional manager.	Ongoing
3.8	4.6 Increase visibility of AWERB on ASU Intranet	ASU Governance Team to request members short biographies
4	Chair's Report	

4.1	First certificate recognising Culture of Care contribution awarded. Chair will be meeting with NACWOs to discuss the recognition process in more detail	
4.2	Plans for the new University of Bristol 3Rs award; propose announce winners at ELH's annual licensee event in January.	Discussion for all next meeting: application format and judging panel.
5	NTCO Report.	
5.1	Discussion of training and competency review report.	
5.2	Continuation of NVS competency observations	
5.3	Dates confirmed for PIL Training Course for the upcoming term	
5.4	Outline of the benefits of automated training and competency record checking included with the new Study Plan system.	
6	NIO Report.	
6.1	<i>Rescheduled for October meeting.</i>	
7	NVS Report.	
7.1	3 Standard Condition 18 reports have been submitted. Once cause is unclear and currently being investigated.	Ongoing
7.2	Discussion of UIN requirement for use of tissue exchanged within the tissue sharing network.	NIO to provide umbrella UIN for iTSN
8	NACWO reports.	
8.1	<i>Rescheduled for October meeting</i>	
9	3Rs Updates ( <i>circulated via email after meeting</i> )	

9.1	Upcoming GW4 3Rs Symposium with the majority of Technical posters submitted by the University of Bristol.	
9.2	Details of available online webinar	
9.3	Details of upcoming replacement model workshop.	
10	Project Licences – New Applications.	
10.1	<p>PPL.1Sep22</p> <p>Aims: To advance understanding of the role of nerve cells in the basal ganglia. Dysfunction of the basal ganglia plays a role in many neurological diseases and adverse behaviours, including Parkinson’s disease.</p> <p>Benefits: Advance knowledge by providing fundamental insight into the function of different brain regions</p> <p>Harms: Surgery, fixed head posts, for motivation availability of food/water are reduced (typically &lt;2 weeks), agents given to mimic neurological disorders (mild effects). Majority of protocols are moderate severity</p> <p>Discussion:</p> <ul style="list-style-type: none"> <li>• Well written with clarity over the typical animal experience.</li> <li>• More detail required for the specific benefits of the project</li> <li>• Content of non-technical summary</li> <li>• Number of breeding animals</li> <li>• Use of different research models and life stages across protocols</li> <li>• Relationship of sleep studies to remit of the project</li> </ul> <p>PPL.2Sep22</p> <p>Aims: Understanding life span and aging. To inform conservation and management strategies</p> <p>Benefits: New information on genetic and epigenetic mechanisms promoting extended lifespans. Evidence to assist conservation organisations in making management decisions, for example concerning impacts of habitat fragmentation and climate change on genetic variation. Outreach activities to promote bat conservation.</p> <p>Harms: Described as largely mild, capture and handling, tissue and blood sampling</p>	<p>Approved subject to minor changes</p> <p>Approved</p>

	<p>Discussion:</p> <ul style="list-style-type: none"><li>• Involvement and engagement with other relevant regulations and licencing ecological and handling permissions</li><li>• Rational for necessity for sample collection</li><li>• Capture techniques and likely transient stress</li><li>• Issues associated with localised anaesthetic</li><li>• Alternative sample collection such as buccal swabbing</li><li>• Total blood volume required</li></ul> <p>PPL.3Sept22 (Secondary availability application)</p> <p>Aims: Evaluate and further develop novel surgical devices and to identify those which have the potential for use in human surgery.</p> <p>Benefits: Translational benefit to human surgery advancements.</p> <p>Harms: Surgery in pigs. Non-recovery or moderate.</p> <p>Discussion:</p> <p>Requirements for adverse effects for surgical interventions</p> <p>Weight loss expectations</p> <p>Availability of trained staff</p> <p>Types of novel devises under investigation</p> <p>Recovery anaesthesia protocol and monitoring</p>	Approved
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11	Project Licences – Amendments.	
11.1	PPLAmend.1Sept22 Update to GAA wording as required by ASRU. Inclusion of additional adverse effect and subsequent treatment	Approved subject to minor clarification
11.2	PPLAmend.2Sept22 Update to GAA wording as required by ASRU	Approved
11.3	PPLAmend.3Sept22 Increase in radiation New imaging window Additional routes of administration	Approved subject to changes and clarifications
11.4	PPLAmend.4Sept22	Approved
12	Project Licence Reviews	
12.1	Mid Term Reviews  Rescheduled for October meeting.	
12.2	Home Office Retrospective Reviews. (None)	
12.3	Final Reviews.  Rescheduled for October meeting.	
13	Report on Non-Regulated Projects UIN and VIN applications.	
13.1	Non-Regulated Projects – UINs  Reviewed: UIN.1-8 AWERB approved: 2, 3, 5, 7, 8 AWERB approved pending clarifications: 1, 4, 6 AWERB did not yet approved:	Secretary to inform
13.1.1	UINs to note:	

	<p>UIN.1 – consideration of most appropriate Schedule 1 method to be discussed with NVS</p> <p>UIN.4 – experimental protocol design to be clarified</p> <p>UIN.6 – confirmation of endpoint protocol required</p>	
13.2	<p>Non-Regulated Projects – VINs.</p> <p>Reviewed: VIN.1-4  AWERB approved: 1-4  AWERB approved pending clarifications:  AWERB not yet approved:</p>	Secretary to inform
13.2.1	<p>VINs to note:  (None)</p>	
14	<p>Non-Regulated Projects - UIN and VIN amendments</p> <p>VINAmend.1  VINAmend.2  UINAmend.1  UINAmend.2</p>	<p>Approved  Approved  Approved  Approved</p>
15	<p>AWERB Hub.</p>	
15.1	<p>Rescheduled for October meeting.</p>	
16	<p>For Information.  (None)</p>	
17.	<p>Any Other Business.  (None)</p>	
18.	<p><b>Dates of Next Meetings</b> (Online until further notice):</p> <p>11<sup>th</sup> October 2022  8<sup>th</sup> November 2022  6<sup>th</sup> December 2022  17<sup>th</sup> January 2023</p>	

	21 <sup>st</sup> February 2023 21 <sup>st</sup> March 2023 25 <sup>th</sup> April 2023 23 <sup>rd</sup> May 2023 20 <sup>th</sup> June 2023 18 <sup>th</sup> July 2023	
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