

Tuesday 21 <sup>st</sup> November			
9:00-10:00	Arrival and Registration <i>Trade Exhibition and Coffee</i>		
10:00-12:00	<table border="1"> <tr> <td> <b>Establishment Licence Holders Session</b> <i>PELh Chair</i>   <b>Martin Vinnell</b>, University of Cambridge <i>'All things considered, why on earth would I not comply?!'</i>   <b>Helmut Ehall</b>, Envigo/Inotivco <i>A(SP)A 1986 - Guarding regulatory compliance in a changing regulatory framework: How the expectations on the Establishment Licence Holder by the regulator has changed and will change in the future.</i> </td> <td> <b>Educational Sessions Care and Welfare Theme</b> <i>Chloe Stevens. Chair</i>   <b>Michelle Stewart</b>, MRC Harwell <i>Updates in GA mouse breeding</i>   <b>Chloe Stevens</b>, RSPCA <i>The roadmap to reducing suffering - how technicians and ECRs can contribute.</i>   <b>Nicola Goodwin</b>, University of Cambridge <i>Biosafety practice and care in a zebrafish facility. Lessons learnt from a CL2 facility.</i>   <b>Robin Labesse</b>, Agenda Life Sciences  <b>Claire Pearce</b>, King's College London <i>Time to unpack the emotional baggage. What are we carrying?</i> </td> </tr> </table>	<b>Establishment Licence Holders Session</b> <i>PELh Chair</i>  <b>Martin Vinnell</b> , University of Cambridge <i>'All things considered, why on earth would I not comply?!'</i>  <b>Helmut Ehall</b> , Envigo/Inotivco <i>A(SP)A 1986 - Guarding regulatory compliance in a changing regulatory framework: How the expectations on the Establishment Licence Holder by the regulator has changed and will change in the future.</i>	<b>Educational Sessions Care and Welfare Theme</b> <i>Chloe Stevens. Chair</i>  <b>Michelle Stewart</b> , MRC Harwell <i>Updates in GA mouse breeding</i>  <b>Chloe Stevens</b> , RSPCA <i>The roadmap to reducing suffering - how technicians and ECRs can contribute.</i>  <b>Nicola Goodwin</b> , University of Cambridge <i>Biosafety practice and care in a zebrafish facility. Lessons learnt from a CL2 facility.</i>  <b>Robin Labesse</b> , Agenda Life Sciences <b>Claire Pearce</b> , King's College London <i>Time to unpack the emotional baggage. What are we carrying?</i>
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12:00-12:05	<b>Welcome.</b> <i>Jill Reckless, LASA President</i>		
12:05-12:40	<b>ASRU Update.</b> <i>Helmut Ehall. Chair</i> <i>Kate Chandler, Head of ASRU</i>		
12:40-13:30	<i>Trade Exhibition, Lunch and Poster Viewings</i>		
13:30-14:30	<b>Keynote Speaker- Frances Wiseman. UK Dementia. UCL</b> <i>Clare Stanford. Chair</i>  <i>Fundamental discovery science: enabling translation of animal research to further understanding and development therapies for dementia-causing diseases</i>		
14:30-15:45	<table border="1"> <tr> <td> <b>Care and Welfare Section - "The Unusual Suspects-the care and welfare of less common laboratory species"</b> <i>Alison Ritchie, Chair</i>   <b>Richard Morrison</b> -University of Edinburgh. <i>The care and welfare of the Cairo Spiny Mouse.</i>   <b>Matt Guille</b>, University of Portsmouth. <i>The care, welfare, and use of Xenopus</i> </td> <td> <b>'The NIO - the Unloved Child - one size does not fit all' (HOLTIF Section).</b> <i>Caroline Chadwick. Chair</i>   <b>Lauren Cresser</b>. The Pirbright Institute  <b>Jo Moore</b>. GSK </td> </tr> </table>	<b>Care and Welfare Section - "The Unusual Suspects-the care and welfare of less common laboratory species"</b> <i>Alison Ritchie, Chair</i>  <b>Richard Morrison</b> -University of Edinburgh. <i>The care and welfare of the Cairo Spiny Mouse.</i>  <b>Matt Guille</b> , University of Portsmouth. <i>The care, welfare, and use of Xenopus</i>	<b>'The NIO - the Unloved Child - one size does not fit all' (HOLTIF Section).</b> <i>Caroline Chadwick. Chair</i>  <b>Lauren Cresser</b> . The Pirbright Institute <b>Jo Moore</b> . GSK
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15:45-16:15	<i>Trade Exhibition and Tea</i>		
16:15-18:00	<b>Care and Welfare</b>  <b>Caroline Zverev</b> , The Crick Institute. <i>Opossum care &amp; welfare</i>		

	<p><b>Trevor Hawkey</b>, University of St. Andrews. <i>Talking about Bats</i></p> <p><b>Plenary Session: Ewan St John Smith</b>, University of Cambridge <i>Naked mole-rats: blind and naked, but oh so cool!</i></p>
18:00	LASA Annual General Meeting
19:00	<i>Trade Reception and Poster Viewings</i>

Wednesday 22 <sup>nd</sup> November			
9:00-10:00	<p><b>Education, Training and Ethics (ETEs) -Plenary session</b> <i>Manuel Berdoy. Chair</i></p> <p><b>Clare Stanford, UCL</b> <i>“Lost in translation: why blame the animals? Fixing some bugs in laboratory animal science”</i></p>		
10:00-10:30	<i>Trade Exhibition and Coffee</i>		
10:30-12:00	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p><b>ETEs: a session reflecting on how we can do better science and why: from research culture to experimental design.</b></p> <p><b>Manuel Berdoy</b>, University of Oxford <i>Introduction, framework and ETEs updates (15’)</i></p> <p><b>Tanita Casci</b>, University of Oxford <i>Putting research practice at the heart of research excellence (30’)</i></p> <p><b>Lola Brookes</b>, University of Oxford (NC3Rs) <i>Improving research design through a community approach (20’)</i></p> <p><b>Interactive session: Q&amp;A Challenges associated with research practice and ED training.</b></p> </td> <td style="width: 50%; vertical-align: top;"> <p><b>LAVA / LASA Session. New refinements to ongoing dosing challenges</b></p> <p><b>Sophie Kimpton</b>, University of Cambridge <i>Problems, Progress and Practical Tips for Tamoxifen Dosing</i></p> <p><b>Andrea Barr</b>, University of Edinburgh <i>Oral Tamoxifen: A Route to Refinement</i></p> <p><b>Michelle Stewart</b>, MRC Harwell <b>Kavil Patel</b>, Fluid Pharma Ltd <i>Taste Masked Tamoxifen-Developments and updated on Tat-FIT project</i></p> </td> </tr> </table>	<p><b>ETEs: a session reflecting on how we can do better science and why: from research culture to experimental design.</b></p> <p><b>Manuel Berdoy</b>, University of Oxford <i>Introduction, framework and ETEs updates (15’)</i></p> <p><b>Tanita Casci</b>, University of Oxford <i>Putting research practice at the heart of research excellence (30’)</i></p> <p><b>Lola Brookes</b>, University of Oxford (NC3Rs) <i>Improving research design through a community approach (20’)</i></p> <p><b>Interactive session: Q&amp;A Challenges associated with research practice and ED training.</b></p>	<p><b>LAVA / LASA Session. New refinements to ongoing dosing challenges</b></p> <p><b>Sophie Kimpton</b>, University of Cambridge <i>Problems, Progress and Practical Tips for Tamoxifen Dosing</i></p> <p><b>Andrea Barr</b>, University of Edinburgh <i>Oral Tamoxifen: A Route to Refinement</i></p> <p><b>Michelle Stewart</b>, MRC Harwell <b>Kavil Patel</b>, Fluid Pharma Ltd <i>Taste Masked Tamoxifen-Developments and updated on Tat-FIT project</i></p>
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15:30-16:00	<i>Trade Exhibition and Tea</i>		
16:00	<p><b>‘Future of Laboratory Animal Communication -Resources to be a real Influencer in Laboratory Animal Science and Welfare’- Supported by LAL Ltd.</b> <i>Amy Warner &amp; Jan-Bas Prins, Chairs</i></p> <p><b>Fiona Fox</b> Science Media Centre (30’)</p>		

	<p><i>Animal Research in the Headlines - a view from the front line</i></p> <p><b>Hannah Hobson</b> UAR (15') <i>Ten years of openness: How social media has changed the way we talk about animal research</i></p> <p><b>Jordi L.Tremoleda</b> LAJ / QMUL <i>Engaging with scientific publishing (15')</i></p> <p><b>Kourosh Saeb-Parsy</b> University of Cambridge (30') <i>Animal communication in complex networks with diverse stakeholders</i></p>
20:00	<b>Gala Dinner</b>

Thursday 23 <sup>rd</sup> November			
9:00-10:00	<p><b>Animal Science (Transgenics) Section</b> - Plenary Session. <b>Lluís Montoliu</b> (Sarah Hart-Johnson &amp; Natalia Moncaut, Chairs)</p> <p><i>"The animal welfare costs of creating infinite GM mice with CRISPR tools"</i></p>		
10:00-10:30	<i>Trade Exhibition and Coffee</i>		
10:30-12:00	<p>Animal Science (Transgenics) Section</p> <p><b>Julia Janzen.</b> Transnetyx <b>Emma Russell.</b> The Crick Institute <i>Genotyping and genetic monitoring</i></p> <p><b>Keira Turner</b> MRC MBU Cambridge <i>Editing Mitochondrial</i></p> <p><b>Christophe Galichet.</b> The Francis Crick Institute <i>Microbiome</i></p>	<p>Technology, Science &amp; welfare innovations</p> <p><b>Aurélié Thomas.</b> <i>AstraZeneca R&amp;D Advanced technologies to redefine our preclinical pipelines</i></p> <p><b>Jo Lewis.</b> University of Cambridge. <i>Metabolic Cage Systems; more than just energy expenditure?</i></p> <p><b>Laura Steel.</b> University of Oxford <i>"Seeing the light: how mouse nest-box behaviour determines light exposure"</i></p>	<p>Public Engagement - Snippets on 3Rs (for invited local students only)</p> <p><b>Sophie Kimpton,</b> University of Cambridge <b>Jamie Redden,</b> Sainsbury Wellcome Centre</p>
12:00-13:00	<i>Trade Exhibition and Lunch</i>		
13:00-15:00	<p><b>3Rs Section</b> -Supported by NC3Rs Joanna Moore &amp; Natalie Dugget, Chair</p> <p><b>James Pearce,</b> University of Exeter <i>Advancing the uptake of the replacement non-mammalian infectious disease model, Galleria mellonella, through genetic engineering and development of a cellular toolkit</i></p> <p><b>Hosam Alden Bakesmawi,</b> University of Birmingham <i>Platelet accumulation in an endothelium-coated elastic vein valve model of deep vein thrombosis is mediated by GPIIb-<math>\alpha</math>-vWF interaction</i></p> <p><b>Yuki Otani,</b> University of Edinburgh <i>Habituation, training and vascular access ports minimize stress during repeated jugular blood sampling in large adolescent pigs</i></p> <p><b>Jasmine M Clarkson,</b> University of Glasgow</p>		

	<p><i>Striving towards humane deaths for laboratory rodents: the potential of gradual decompression</i></p> <p><b>Neave B. Smith</b>, University of Nottingham <i>Spinal multi-electrode array (MEA) electrophysiology- a significant 3Rs advance for pain research</i></p> <p><b>Marissa Mueller</b>, University of Oxford <i>The snackertracker: a monitoring system for mouse food-seeking behaviour</i></p> <p><b>3 MIN FLASH TALKS</b></p> <ul style="list-style-type: none"> <li>• <b>C Moore</b>. The Francis Crick Institute <i>Refinement to the equipment used during intratracheal intubation</i></li> <li>• <b>Massimo Foa</b>. IDEXX Bioanalytics <i>Reduce, refine, replace. A breakthrough approach to rodent environmental health monitoring using sentinel-free soiled bedding</i></li> <li>• <b>Ali Zarban</b>. King's College London <i>Enhancing techniques for determining inflammatory oedema formation and neutrophil accumulation in murine skin</i></li> <li>• <b>Natalie Carter</b>, NC3Rs <i>Building on the success of the NC3Rs regional programme: a new model for delivering 3Rs support across the UK</i></li> </ul>
15:00-15:30	<i>Trade Exhibition and Tea</i>
15:30-16:15	<p>Keynote Speaker - <b>Hazel Screen</b> QMUL Jill Reckless, Chair</p> <p><i>“Exploring alternatives in pre-clinical testing: the opportunities and challenges of working with in vitro models”</i></p>
16:15-16:45	Round Table Discussion - How the laboratory animal professional can lead progression towards alternatives. <b>Hazel Screen, Jill Reckless, Vicky Robinson,</b>
16:45	Awards, Summary and Closure - <b>Jill Reckless, LASA President</b>