

Tuesday 21 <sup>st</sup> November					
09:00-10:00	Registration <i>Trade Exhibition and Coffee</i>				
10:00-12:00	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="background-color: #e0e0e0; text-align: left;"><u>Francis Crick Auditorium</u></th> <th style="background-color: #e0e0e3; text-align: left;"><u>Rosalind Franklin Pavilion</u></th> </tr> </thead> <tbody> <tr> <td style="vertical-align: top;"> <p><b>Establishment Licence Holders' Session</b> <i>Chair: Helmut Ehall</i></p> <p><b>All things considered, why on earth would I not comply?!</b> <i>Martin Vinnell, University of Cambridge</i></p> <p><b>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</b> <i>Helmut Ehall, Inotiv</i></p> <p><b>Setting the direction for animals in science regulation</b> <i>Will Reynolds, Gideon Winward &amp; Chloe Jenkins, Animals in Science Regulation Policy Unit</i></p> <p><b>Q&amp;A session with interactive discussion</b></p> </td> <td style="vertical-align: top;"> <p><b>Care and Welfare - Education</b> <i>Chair: Chloe Stevens</i></p> <p><b>Biosafety practice and care in a zebrafish facility. Lessons learnt from a CL2 facility containing mycobacterium marinum</b> <i>Nicola Goodwin, University of Cambridge</i></p> <p><b>Updates in GA mouse breeding</b> <i>Michelle Stewart, MRC Harwell</i></p> <p><b>The roadmap to reducing suffering - how technicians and ECRs can contribute</b> <i>Chloe Stevens, RSPCA</i></p> <p><b>Time to unpack the emotional baggage. What are we carrying?</b> <i>Robin Labesse, Agenda Life Sciences and Claire Pearce, King's College London</i></p> </td> </tr> </tbody> </table>	<u>Francis Crick Auditorium</u>	<u>Rosalind Franklin Pavilion</u>	<p><b>Establishment Licence Holders' Session</b> <i>Chair: Helmut Ehall</i></p> <p><b>All things considered, why on earth would I not comply?!</b> <i>Martin Vinnell, University of Cambridge</i></p> <p><b>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</b> <i>Helmut Ehall, Inotiv</i></p> <p><b>Setting the direction for animals in science regulation</b> <i>Will Reynolds, Gideon Winward &amp; Chloe Jenkins, Animals in Science Regulation Policy Unit</i></p> <p><b>Q&amp;A session with interactive discussion</b></p>	<p><b>Care and Welfare - Education</b> <i>Chair: Chloe Stevens</i></p> <p><b>Biosafety practice and care in a zebrafish facility. Lessons learnt from a CL2 facility containing mycobacterium marinum</b> <i>Nicola Goodwin, University of Cambridge</i></p> <p><b>Updates in GA mouse breeding</b> <i>Michelle Stewart, MRC Harwell</i></p> <p><b>The roadmap to reducing suffering - how technicians and ECRs can contribute</b> <i>Chloe Stevens, RSPCA</i></p> <p><b>Time to unpack the emotional baggage. What are we carrying?</b> <i>Robin Labesse, Agenda Life Sciences and Claire Pearce, King's College London</i></p>
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12:00-12:05	<u>Francis Crick Auditorium</u>  <b>Welcome address</b> <i>Jill Reckless, LASA President</i>				
12:05-12:40	<u>Francis Crick Auditorium</u>  <b>ASRU</b> <i>Chair: Helmut Ehall</i>  <b>ASRU Update</b> <i>Kate Chandler, Animals in Science Regulatory Unit</i>				
12:30-13:30	<b>Lunch</b> <i>Trade exhibition and poster viewings</i>				
13:30-14:30	<u>Francis Crick Auditorium</u>  <b>KEYNOTE</b> <i>Chair: Clare Stanford</i>  <b>Fundamental discovery science: enabling translation of animal research to further understanding and development therapies for dementia-causing diseases</b> <i>Frances Wiseman, University College London, Institute of Neurology</i>				

14:30-15:45	<p><b><u>Francis Crick Auditorium</u></b></p> <p>Care and Welfare - The Unusual Suspects-the care and welfare of less common laboratory species <i>Chair: Alison Ritchie</i></p> <p>The care and welfare of the Cairo Spiny Mouse <i>Richard Morrison, University of Edinburgh</i></p> <p>The care, welfare, and use of Xenopus <i>Matt Guille, University of Portsmouth</i></p>	<p><b><u>Rosalind Franklin Pavilion</u></b></p> <p>HOLTIF - The NIO - the unloved child. One size does not fit all <i>Chair: Caroline Chadwick</i></p> <p><i>Lauren Cresser, The Pirbright Institute</i></p> <p>My role as an NIO in a pharmaceutical environment <i>Jo Moore, GSK</i></p>
15:45-16:15	<p><b>Tea</b> <i>Trade exhibition and poster viewings</i></p>	
16:15-18:00	<p><b><u>Francis Crick Auditorium</u></b></p> <p>Care and Welfare (continued)</p> <p>Opossum care &amp; welfare <i>Caroline Zverev, Francis Crick Institute</i></p> <p>Keeping starlings happy <i>Michelle Waddle, Newcastle University</i></p> <p>Naked mole-rats: blind and naked, but oh so cool! <i>Ewan St John Smith, University of Cambridge</i></p>	
18:00-18:30	<p><b><u>Francis Crick Auditorium</u></b></p> <p><b>LASA AGM</b></p>	
18:00-23:00	<p><b>Trade reception dinner, poster viewing and networking</b></p>	

## Wednesday 22<sup>nd</sup> November

08:30-09:00	Registration <i>Coffee</i>	
09:00-10:00	<p><b><u>Francis Crick Auditorium</u></b></p> <p><b>Education, Training and Ethics (ETEs)</b> <i>Chair: Manuel Berdoy</i></p> <p><b>Lost in translation: why blame the animals? Fixing some bugs in laboratory animal science</b> <i>Clare Stanford, University College London</i></p>	
10:00-10:30	Coffee <i>Trade exhibition and poster viewing</i>	
10:30-12:00	<p><b><u>Francis Crick Auditorium</u></b></p> <p><b>ETEs: a session reflecting on how we can do better science and why: from research culture to experimental design.</b> <i>Chair: Manuel Berdoy</i></p> <p><b>Introduction, framework and ETEs updates</b> <i>Manuel Berdoy, University of Oxford</i></p> <p><b>Putting research practice at the heart of research excellence</b> <i>Tanita Casci, University of Oxford</i></p> <p><b>Improving research design through a community approach</b> <i>Lola Brookes, University of Oxford (NC3Rs)</i></p> <p><b>Interactive session: Q&amp;A Challenges associated with research practice and ED training.</b></p>	<p><b><u>Rosalind Franklin Pavilion</u></b></p> <p><b>LAVA / LASA - New refinements to ongoing dosing challenges</b> <i>Chair: Rita Rose</i></p> <p><b>Problems, Progress and Practical Tips for Tamoxifen Dosing</b> <i>Sophie Kimpton, University of Cambridge</i></p> <p><b>Oral Tamoxifen: A Route to Refinement</b> <i>Andrea Barr, University of Edinburgh</i></p> <p><b>Taste Masked Tamoxifen-Developments and updated on Tat-FIT project</b> <i>Michelle Stewart, MRC Harwell and Fang Liu, Fluid Pharma Ltd</i></p>
12:00-13:30	Lunch <i>Trade exhibition and poster judging</i>	
13:30-15:30	<p><b><u>Francis Crick Auditorium</u></b></p> <p><b>Large Animal Research Network (LARN)</b> <i>Chairs: Lauren Cresser and Jordi Lopez-Tremoleda</i></p> <p><b>Avian influenza virus</b> <i>On behalf of Munir Iqbal - Rebecca Daines, The Pirbright Institute</i></p> <p><b>Increasing the sustainability of dairy production systems</b> <i>Chris Reynolds, University of Reading</i></p> <p><b>“RoboHog”: developing an in vitro gut model system of the porcine hindgut</b> <i>Anthony Buckley, University of Leeds</i></p>	<p><b><u>Rosalind Franklin Pavilion</u></b></p> <p><b>Trade Talks</b> <i>Chair: Tim McGuire</i></p> <p><i>Many thanks to our Premium Sponsors who will be updating us on their current services:</i></p> <p><b>S3 Science</b> <b>Allentown</b> <b>Charles River</b> <b>Agenda Life Sciences</b> <b>Datesand</b></p>
15:30-16:00	Tea <i>Trade exhibition</i>	

16:00-17:30	<p><b><u>Francis Crick Auditorium</u></b></p> <p><b>Future of Laboratory Animal Communication - Resources to be a real Influencer in Laboratory Animal Science and Welfare</b>  <i>Chairs: Amy Warner and Jan-Bas Prins</i></p> <p style="text-align: right;"><i>Supported by Laboratory Animals Limited</i></p> <p><b>Animal Research in the Headlines - a view from the front line</b>  <i>Fiona Fox, Science Media Centre</i></p> <p><b>Ten years of openness: How social media has changed the way we talk about animal research</b>  <i>Hannah Hobson, UAR</i></p> <p><b>Engaging with scientific publishing</b>  <i>Jordi Lopez-Tremoleda, Queen Mary, University of London</i></p> <p><b>Animal communication in complex networks with diverse stakeholders</b>  <i>Kourosh Saeb-Parsy, University of Cambridge</i></p>
19:00	<p><b><u>Hinxton Hall - Graham Cameron Bar, Lounges and Restaurant</u></b></p> <p><b>Drinks reception followed by Gala dinner (20:00)</b></p>

## Thursday 23<sup>rd</sup> November

08:30-09:00	Registration Coffee		
09:00-10:00	<p><b><u>Francis Crick Auditorium</u></b></p> <p><b>Animal Science (Transgenics) Section</b> <i>Chairs: Sarah Hart-Johnson and Natalia Moncaut</i></p> <p><b>The animal welfare costs of creating infinite GM mice with CRISPR tools</b> <i>Lluís Montoliu, National Centre for Biotechnology (CNB-CSIC) and Rare Diseases Networking Biomedical Research Centre</i></p>		
10:00-10:30	Coffee Trade exhibition		
10:30-12:00	<p><b><u>Francis Crick Auditorium</u></b></p> <p><b>Animal Science (Transgenics) Section</b></p> <p><b>Genotyping and genetic monitoring</b> <i>Julia Janzen, Transnetyx and Emma Russell, Francis Crick Institute</i></p> <p><b>Editing Mitochondria</b> <i>Keira Turner, MRC MBU</i></p> <p><b>Gut feeling on reduction: the importance of the 4th R</b> <i>Christophe Galichet, Francis Crick Institute</i></p>	<p><b><u>Rosalind Franklin Pavilion</u></b></p> <p><b>Technology, Science &amp; welfare innovations</b> <i>Chair: Jordi Lopez-Tremoleda</i></p> <p><b>Advanced technologies to redefine our preclinical pipelines</b> <i>Aurélie Thomas, AstraZeneca</i></p> <p><b>Metabolic Cage Systems; more than just energy expenditure?</b> <i>Jo Lewis, University of Cambridge</i></p> <p><b>Seeing the light: how mouse nest-box behaviour determines light exposure</b> <i>Laura Steel, University of Oxford</i></p>	<p><b><u>Barbara McClintock Pavilion</u></b></p> <p><b>Public Engagement - Snippets on 3Rs (for invited local students only)</b></p> <p><i>Sophie Kimpton, University of Cambridge</i></p> <p><i>Jamie Redden, Sainsbury Wellcome Centre</i></p>
12:00-13:00	Lunch Trade exhibition		
13:00-15:00	<p><b><u>Francis Crick Auditorium</u></b></p> <p><b>3Rs Section</b> <i>Chairs: Joanna Moore and Natalie Dugget</i></p> <p style="text-align: right;">Supported by NC3Rs</p> <p><b>Advancing the uptake of the replacement non-mammalian infectious disease model, <i>Galleria mellonella</i>, through genetic engineering and development of a cellular toolkit</b> <i>James Pearce, University of Exeter</i></p> <p><b>Platelet accumulation in an endothelium-coated elastic vein valve model of deep vein thrombosis is mediated by GPIIb/IIIa–vWF interaction</b> <i>Hosam Alden Bakesmawi, University of Birmingham</i></p> <p><b>Habituation, training and vascular access ports minimize stress during repeated jugular blood sampling in large adolescent pigs</b> <i>Yuki Otani, University of Edinburgh</i></p>		

	<p><b>Striving towards humane deaths for laboratory rodents: the potential of gradual decompression</b> <i>Jasmine M Clarkson, University of Glasgow</i></p> <p><b>Spinal multi-electrode array (MEA) electrophysiology- a significant 3Rs advance for pain research</b> <i>Neave B. Smith, University of Nottingham</i></p> <p><b>The snackertracker: a monitoring system for mouse food-seeking behaviour</b> <i>Marissa Mueller, University of Oxford</i></p> <p><b>3-minute flash talks;</b></p> <p><b>Refinement to the equipment used during intratracheal intubation</b> <i>C Moore, Francis Crick Institute</i></p> <p><b>Reduce, refine, replace. A breakthrough approach to rodent environmental health monitoring using sentinel-free soiled bedding</b> <i>Massimo Foa, IDEXX Bioanalytics</i></p> <p><b>Enhancing techniques for determining inflammatory oedema formation and neutrophil accumulation in murine skin</b> <i>Ali Zarban, King's College London</i></p> <p><b>Building on the success of the NC3Rs regional programme: a new model for delivering 3Rs support across the UK</b> <i>Natalie Carter, NC3Rs</i></p>
15:00-15:30	<p><b>Tea</b> <i>Trade exhibition</i></p>
15:30-16:15	<p><b><u>Francis Crick Auditorium</u></b></p> <p><b>KEYNOTE</b> <i>Chair: Jill Reckless</i></p> <p><b>Exploring alternatives in pre-clinical testing: the opportunities and challenges of working with in vitro models</b> <i>Hazel Screen, Queen Mary, University of London</i></p>
16:15-16:45	<p><b><u>Francis Crick Auditorium</u></b></p> <p><b>Round Table Discussion</b> <i>Chair: Sara Wells</i></p> <p><b>How the laboratory animal professional can lead progression towards alternatives</b> <i>Hazel Screen, QMUL, Jill Reckless, RxCelerate and Vicky Robinson, NC3Rs</i></p>
16:45-17:00	<p><b><u>Francis Crick Auditorium</u></b></p> <p><b>Awards, Summary and Close</b> <i>Jill Reckless</i></p>