

SCIENTIFIC PROGRAMME

Tuesday 22 nd November	
09:30-10:00	Arrival and Registration <i>Trade Exhibition and Coffee</i>
10:00-10:15	Welcome <i>Jill Reckless, LASA President</i>
10:15-11:30	Keynote Speaker <i>Chairs: Clare Stanford and Jordi Lopez-Tremoleda</i> Neurotechnology to unravel the function of sensory circuits in the mouse brain - from behaviour in social housing to synchrotron x-ray imaging <i>Andreas Schaefer, Francis Crick Institute</i>
11:30-12:00	ASRU update <i>Dr Kate Chandler and Giles Paiba, Head of ASRU</i>
12:00-13:00	<i>Trade Exhibition and Lunch</i>
13:00-15:00	Care & Welfare Section: Emerging approaches to improve the care of experimental animals <i>Chair: Chloe Stevens</i> Home Cage Monitoring of Mouse Behaviours: What have you been missing? <i>Sonia Bains, MRC Harwell</i> Stay out of my territory-understanding and mitigating male mouse aggression <i>Tamara Baker, AstraZeneca, UK</i> Refinements of handling and dosing methods for rats and mice <i>Julia Bartlett, University of Bristol</i> Embryonic methods of genotyping zebrafish <i>Claire Allen, University of Sheffield</i>
15:00-15:30	<i>Trade Exhibition and Tea</i>
15:30-17:00	Large Animal Research Network (LARN) Section <i>Chairs: Lauren Cresser and Jordi Lopez-Tremoleda</i> Maximising refinement in large animal experiments <i>Eddie Clutton, University of Edinburgh</i> The application of innovation and technology for assessing and promoting the health and welfare of farm and laboratory animals <i>Helen Gray and Matt Leach, Newcastle University</i>
17:10-18:00	AGM
19:00-22:00	Dinner

Wednesday 23 rd November	
09:00-10:30	<p>Education, Training and Ethics (ETES) Section: 'Sex, Frustration and Experimental Design'</p> <p><i>Chair: Manuel Berdoy and Angela Kerton</i></p> <p>Introduction; initiatives in Experimental Design Training <i>Manuel Berdoy, University of Oxford</i></p> <p>Combating the reproducibility crisis with good experimental design <i>Matt Leach, Newcastle University</i></p> <p>How and when to include both sexes in preclinical research? <i>Natasha Karp, AstraZeneca UK</i></p>
10:30-11:00	<i>Trade Exhibition and Coffee</i>
11:00-12:30	<p>Animal Science (Transgenics) Section</p> <p><i>Chair: Natalia Moncaut</i></p> <p>An update on The National Mouse Genetics Network (NMGN) <i>Sara Wells, MRC Harwell</i></p> <p>Impact of CRISPR on the 3Rs <i>Ben Davies, Francis Crick Institute</i></p> <p>The importance of managing genetic drift in your GA colonies <i>Manuel Vazquez, Transnetyx</i></p> <p>The journey to a GA opossum <i>Sophie Wood, Francis Crick Institute</i></p>
12:30-13:30	<i>Trade Exhibition and Lunch</i>
13:30-14:30	<p>Keynote Speaker</p> <p><i>Chair: Jill Reckless</i></p> <p>Antibody Discovery: Past - Present - Future. <i>Rudolf de Wildt, GlaxoSmithKline</i></p>
14:30-14:45	<i>Trade Exhibition and Tea</i>
14:45-16:45	<p>3Rs Section</p> <p><i>Chair: Joanna Moore and Emma Stringer</i></p> <p>Smartkage: a fully automated system for life-long continuous phenotyping of mouse cognition and behaviour. <i>Hinzo Ho, University of Cambridge</i></p> <p>Refinement and Reduction in animal use by more targeted animal model selection using omics technologies <i>Sorif Uddin, GSK</i></p>

	<p>The chick embryo as a replacement model <i>Linda Horan, Strathclyde University</i></p> <p>Development of a humanised 3D in vitro bone model method for the replacement of animals <i>Melissa Finlay, Birmingham University</i></p> <p>Water restriction does not induce torpor in laboratory mice: an alternative to food restriction <i>Sian Wilcox, University of Oxford</i></p>
16:45-17:00	<p>Summary and close <i>Jill Reckless</i></p>

