

2022 Primate Welfare Meeting

8 November 2022

Central London (hybrid meeting – Zoom link sent separately; all times in BST)

12.00-13.00	REGISTRATION, LUNCH and POSTER VIEWING
13.00-13.15	Welcome, introduction and update from the NC3Rs Dr Mark Prescott, NC3Rs (Chair)
13:15-13:35	Housing and rearing rhesus macaques in multigenerational groups enhances female reproductive success relative to peer groups Dr Elizabeth Sterck, Utrecht University & Biomedical Primate Research Centre
13.35-14:00	Delaying weaning of captive rhesus macaques (<i>Macaca mulatta</i>): assessing the costs and benefits Mr David Massey, Newcastle University & MRC Centre for Macaques
14.00-14.20	A deep transfer learning model for head pose estimation in rhesus macaques during cognitive tasks: towards a non-restraint, non-invasive 3Rs approach Dr Emily Bethell & Dr Wasiq Khan, Liverpool John Moores University
14.20-14.45	The impact of experimental design in stress-dependent perturbations of the primate immune system on rigor, reproducibility and clinical translation Dr Scott Hunter Oppler & Dr Melanie Graham, University of Minnesota
14.45-15.10	REFRESHMENT BREAK and POSTER VIEWING
15.10-15.35	Multi-disciplinary assessment of cumulative experience in macaques used in neuroscience research Dr Colline Poirier, Newcastle University
15.35-15.55	Blood parameters and ethograms as a means to investigate cumulative and long-term effects of neuroscientific non-human primate procedures Dr Detlef Wegener, Brain Research Institute, University of Bremen
15.55-16.15	Acute effect of fluid control on the affective state of rhesus macaques Ms Janire Castellano Bueno, Newcastle University
16.15-16.40	Using a novel primate welfare assessment tool to benchmark animal well-being and behavioural management programs in research facilities Carly I. O'Malley ¹ , Emilie A. Paterson ² , Patricia V. Turner ^{1,2} , ¹ Charles River, ² University of Guelph
16.40-16.45	CLOSING COMMENTS
16.45-17:45	NETWORKING RECEPTION

Posters:

- 1. How NHPs interact with dog toys**
Miss Molly Burholt, UKHSA
- 2. Review on automated methods to study macaque behaviour in breeding centre**
Ms Giulia Ciminelli, Newcastle University
- 3. The use of the AWAG system during high containment studies to monitor welfare in NHPs**
Miss Samantha Elam & Mr Michael Charlton, UKHSA
- 4. Seizing the opportunities for welfare enhancements during a NHP facility refurbishment**
Ms Sandie Holmes, UKHSA
- 5. The challenges of providing enrichment for cynomolgus and rhesus macaques at high containment**
Mr George Hornby & Mr William Trilsbach, UKHSA
- 6. The closed box chair as a refinement for restraint in rhesus macaques**
Ms Lisa Hoser, Oregon National Primate Research Center
- 7. Enrichment and socialization/training programme in toxicology studies: points of refinement**
Miss Marika Olivetti, Evotec Verona
- 8. Refining pain assessment in research primates using a novel grimace scale and behavioural assessments**
Ms Emilie Paterson, University of Guelph
- 9. SARS-CoV-2 vaccination of laboratory rhesus monkeys: monitoring and efficiency**
Ms Dan Qi Priscilla Oh, Brain Research Institute, University of Bremen
- 10. Automated in-cage monitoring of individual space use in laboratory housed macaques**
Mr Joshua Reukauf, Newcastle University
- 11. Virtual reality provides an insight view into social groups of long-tailed macaques**
Ms Sophie Waasdorp, Utrecht University
- 12. Nexplanon contraceptive implants – a safe and practical way of controlling breeding in female rhesus macaques**
Dr Claire Witham, MRC Centre for Macaques