

TARC_{force}3R MONTHLY SEMINAR SERIES

Emma Robinson

University of Bristol***The 3Hs initiative:****housing, handling and habituation
methods to benefit rodent welfare*

Laboratory animals experience frequent stressors and housing condition which do not fully meet their needs. The 3Hs initiative is designed to address these issues with refined methods which enable animals to experience more positive affective states and wellbeing without compromising scientific needs. This talk will present an overview of the 3Hs framework with examples of the approaches we have developed to refine scientific procedures by reducing the use of physical restraint as well as methods to provide positive experiences such as the use of rewards and environmental enrichment. I will also discuss the approaches we use to objectively assess the welfare benefits these can achieve.

Emma completed her BSc (Hons) and PhD in Pharmacology in Bristol and a research fellowship at the University of Cambridge, Experimental Psychology Department. Based in Bristol's School of Physiology, Pharmacology and Neuroscience, Emma's research combines studies of normal cognitive and emotional behaviour and how these may be disrupted in psychiatric disorders and using objective measures of affective state in rodents to better understand the welfare of laboratory animals.

Friday, June 13, 2025, 2:00—4:00 p.m. CET

Meeting link: <https://bbb.rlp.net/b/gon-6fc-ssd-h1b>

The modality is handled on a first-come, first-served basis.

For more information about the program, visit our website <https://www.unimedizin-mainz.de/tarc-force-3r/veranstaltungen.html> or contact our team at las-education@uni-mainz.de

Certificates of attendance for the general audience are sent on request via e-mail (las-education@uni-mainz.de). For ATF certificates, please write to us at ATF-TARC@uni-mainz.de