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Supplementary Materials: A Good Death? Report of the Second Newcastle Meeting on Laboratory Animal Euthanasia

Penny Hawkins, Mark J. Prescott, Larry Carbone, Ngaire Dennison, Craig Johnson, I. Joanna Makowska, Nicole Marquardt, Gareth Readman, Daniel M. Weary and Huw D. R. Golledge

Table S1. Meeting Agenda—Second Newcastle Meeting on Laboratory Animal Euthanasia (Newcastle University, United Kingdom, 9 August 2013).

Time	Programme
08:30-09:00	Registration
09:00-09:05	Introductory remarks
09:05-09:25	Introduction and discussion
09.03-09.23	Huw Golledge, Newcastle University, Penny Hawkins, RSPCA and Mark Prescott, NC3Rs
09:25-09:45	Rodent aversion to CO ₂ , isoflurane and argon
07.25-07.45	Joanna Makowska, Animal Welfare Program, University of British Columbia
09:45-10:05	Conditioned place aversion to inhaled euthanasia agents in rats
07.45 10.05	Huw Golledge, Centre for Behaviour and Evolution, Newcastle University
	Sedation or inhalant anaesthesia before euthanasia with CO2 does not reduce behavioural or
10:05-10:25	physiologic signs of pain and stress in mice.
	Helen Valentine, Office of Animal Resources, University of Iowa
	A multi-layered approach comparing the euthanasia agents CO2, isoflurane and sevoflurane in
10:25–10:45	mice, rats and hamsters
	Nicole Marquardt, Institute of Pharmacology and Toxicology, Department of Veterinary Medicine, Freie
	Universität Berlin
10:45–11:15	Coffee break
11:15–11:35	Carbon dioxide—reasons to be fearful
	Huw Golledge, Centre for Behaviour and Evolution, Newcastle University
11:35-11:55	Physical euthanasia techniques for rodents
	Larry Carbone, Lab Animal Resource Center, University of California San Francisco
11:55-12:15	Euthanasia of neonatal rodents – are they conscious and can they suffer?
	Craig Johnson, Institute of Veterinary Animal and Biomedical Sciences, Massey University
12:15-13:00	Discussion: Rodent euthanasia
12.00 14.00	Moderators: Penny Hawkins, RPSCA and Mark Prescott, NC3Rs
13:00–14:00	Lunch
	Conditioned place preference responses of zebrafish to tricaine methanesulfonate, metomidate
14:00–14:10	hydrochloride, and clove oil Derive Wore. Maring you Versorlingh, Leftray Pickards and Daniel Weary. Animal Welfare Program
	Devina Wong, Marina von Keyserlingk, Jeffrey Richards and Daniel Weary, Animal Welfare Program,
	University of British Columbia Fish anaesthesia – are commonly used anaesthetics aversive?
14:10–14:25	Gareth Readman ^{1,2} , Toby Knowles ² , Stewart Owen ¹ and Jo Murrell ² , ¹ School of Veterinary Science,
	University of Bristol; ² Brixham Environmental Laboratory, AstraZeneca
	Discussion: Commercial devices for killing lab animals – what's available and how should we
14:25–14:45	validate them?
	Moderator: Huw Golledge, Newcastle University
14:45–14:55	Why are outliers important?
	Larry Carbone, Lab Animal Resource Center, University of California San Francisco
	Do we care about the final time an animal loses consciousness more than any other?
14:55–15:05	Bryan Vernon, Senior Lecturer in Medical Ethics, Medical School, Newcastle University
15:05-15:30	Coffee break
	What standards of evidence should we rely on to decide whether euthanasia techniques are humane?
15:30–16:00	Ngaire Dennison, Animals (Scientific Procedures) Inspectorate, Home Office and Penny Hawkins, RSPCA
16:00-17:30	Discussion
	Moderators: Penny Hawkins, RSPCA and Mark Prescott, NC3Rs
17:30	Meeting close



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