

Roi Mandel Briefer

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Education:

2015-2017 Academic guest. ETH Zurich.
2012-2019 PhD. Animal Welfare, Hebrew University.
2007-2009 MA. Cognitive Psychology (magna cum laude), Hebrew University.
2003-2007 BSc. Biology and Psychology. Hebrew University.

Career path:

2023-present Assistant Professor. Veterinary and Animal Sciences, University of Copenhagen.
2021-2023 PostDoc. Veterinary and Animal Sciences, University of Copenhagen.
2019-2020 PostDoc. Ecology and Evolution, Biology, University of Copenhagen.
2017-2019 Lecturer. Ethology & Anim. Welfare, Environmental Systems Science, ETH Zurich.
2014-present Lecturer (external). School of Veterinary Medicine, Hebrew University.
2010-2011 Research Manager. Human Factors in Road Safety, Bar Ilan University.
2007-2009 Teaching assistant. Department of Psychology, Hebrew University.
2008-2009 Research Assistant. 'Lab conscious' lab, Psychology, Hebrew University.
2006-2007 Research Assistant. 'Neuro-cognition' lab, Psychology, Hebrew University.
2006-2008 Project manager. Teaching Aids, Social Sciences Faculty, Hebrew University.
2005-2008 Teaching assistant. Academic Preparatory Program, Hebrew University.

Teaching experience:

2021-present Lecturer. Ethology. MSc. University of Copenhagen.
2021-2022 Lecturer. Health and Welfare. BSc. University of Copenhagen.
2020-present Guest lecturer. Social Behav. & Communication. MSc. University of Copenhagen.
2019 Guest lecturer. Conservation Biology. MSc. University of Copenhagen.
2018-present Lecturer. Farm Anim. Welfare - Theory to Practice. DVM. Hebrew University.
2018-2019 Lecturer. Applied Ethology and Animal Welfare. BSc. ETH Zurich.
2018-2019 Lecturer. Practical Course in Applied Ethology. MSc. ETH Zurich.
2018-2019 Lecturer. Ruminant Science. MSc. ETH Zurich.
2017-2018 Lecturer. Animal husbandry and behavior. BSc. ETH Zurich.
2017-2018 Lecturer. Forum: Livestock in the World Food Systems. MSc. ETH Zurich.
2014-present Lecturer. Animal welfare. DVM & MSc. Hebrew University.

Awards and Fellowships:

2015 Travel & Research scholarship - Swiss Federal Institute of Tech. ETH Zurich.
2012-2018 PhD Studentship. Universities Federation for Animal Welfare (UFAW).
2012-2015 The Robert H. Smith Prize for Excellence in Agriculture, Hebrew University.
2012-2015 The H. & S. Hoffman Leadership and Responsibility program, Hebrew University.
2012 Travel & Research scholarship - Swiss Federal Institute of Tech. ETH Zurich.

Peer reviewed publications:

- 2023 Sandøe, P., Hansen, H.O., Bokkers, E.A.M., Enemark, P.S., Forkman, B., Haskell, M.J., Lundmark Hedman, F., Houe, H., Mandel, R., Nielsen, S.S., de Olde, E.M., Palmer, C., Vogeler, C.S., Christensen T. 2023. Dairy cattle welfare—the relative effect of legislation, industry standards and labelled niche production in five European countries. *animal*, 17: 101009.
- 2022 Mandel, R., Bracke, M., Nicol, C.J., Webster, J.A., Gyax, L. 2022. Dairy vs. beef production – expert views on welfare of cattle in common food production systems. *animal*, 16: 100622.
- 2019 Mandel, R., Wenker, M.L., van Reenen, K., Keil, N. and Hillmann, E. 2019. Can access to an automated grooming brush and/or a mirror reduce stress of dairy cows kept in social isolation? *Applied Animal Behaviour Science*, 211: 1-8.
- 2018 Mandel, R., Harazy, H., Gyax, L., Nicol, C.J., Ben-David, A., Whay, H.R., Klement, E. 2018. Detection of lameness in dairy cows using a grooming device. *Journal of Dairy Science*, 101: 1511-1517.
- 2018 Müller, E., Münger, A., Mandel, R., Eggerschwiler, L., Schwinn, A.C., Gross, J.J., Bruckmaier, R.M., Hess, H.D. and Dohme-Meier, F., 2018. Physiological and behavioural responses of grazing dairy cows to an acute metabolic challenge. *Journal of Animal Physiology and Animal Nutrition*, 102: 1120-1130.
- 2017 Mandel, R., Nicol, C.J. 2017. Re-direction of maternal behaviour in dairy cows. *Applied Animal Behaviour Science*, 195: 24-31.
- 2017 Mandel, R., Nicol, C.J., Whay, H.R., Klement, E. 2017. Detection and monitoring of metritis in dairy cows using an automated grooming device. *Journal of Dairy Science*, 100:5724-5728.
- 2017 Briefer, E.F., Mandel, R., Maigrot, A.L., Briefer Freymond S., Bachmann I., Hillmann, E. 2017. Perception of emotional valence in horse whinnies. *Frontiers in Zoology*, 14: 8.
- 2016 Mandel, R., Whay, H.R., Klement, E., Nicol, C.J. 2016. Invited review: Environmental enrichment of dairy cows and calves in indoor housing. *Journal of Dairy Science*, 99: 1695-1715.
- 2015 Briefer, E.F., Maigrot, A. L., Mandel, R., Briefer Freymond, S., Bachmann, I., Hillmann, E. 2015. Segregation of information about emotional arousal and valence in horse whinnies. *Scientific reports*, 4: 9989.
- 2015 Rosenbloom, T., Mandel, R., Rosner, Y., Eldror, E. 2015. Hazard perception test for pedestrians. *Accident Analysis & Prevention*, 79: 160-169.
- 2013 Mandel, R., Whay, H.R., Nicol, C.J., Klement, E. 2013. The effect of food location, heat load and intrusive medical procedures on dairy cows' brushing activity. *Journal of Dairy Science*, 96: 6506–6513.
- 2012 Zivotofsky, A.Z., Eldror, E., Mandel, R. and Rosenbloom, T., 2012. Misjudging their own steps: why elderly people have trouble crossing the road. *Human factors*, 54: 600-607.
- 2012 Sklar, A.Y., Levy, N., Goldstein, A., Mandel, R., Maril, A., Hassin, R.R. 2012. Reading and doing arithmetic nonconsciously. *Proceedings of the National Academy of Sciences of the United States of America*, 109: 19614-19619.

Reports:

- 2023 Mandel, R., Forkman, B., and Buttenschøn, R.M. 2023. The risks of being perceived as a threat: Creating a safe environment for visitors and their dogs in parks with free roaming cattle. IGN report.
- 2023 A brief literature review: The effect of climate on transportation of end-of-lay hens. Videncenter for Dyrevelfær.

Conferences, seminars, workshops:

- 2023 Oral presentation. Animal Advocacy Conference – Insights from the social sciences. University of Kent, UK.
- 2023 Oral presentation. Grazing and outdoor life workshop, IGN, University of Copenhagen, Denmark.
- 2022 Oral presentation. CPH Cattle seminar, University of Copenhagen, Denmark.
- 2022 Poster presentation. Biodiversity symposium, University of Copenhagen, Denmark.
- 2018 Genetics, Epigenetics and Neurobiology of Damaging Behaviour, PhD & Postdoc training school. Bratislava, Slovakia.
- 2017 Oral presentation. 39th Symposium of Veterinary Medicine. Hebrew University, Israel
- 2016 Oral presentation. International Society for Applied Ethology (ISAE) congress, Edinburgh, Scotland.
- 2016 Oral Presentation. 'Walks and Talks', Division of Animal Welfare, University of Bern, Switzerland.
- 2015 Oral presentation. International Dairy Federation, World Dairy Summit, Vilnius, Lithuania.
- 2015 Oral Presentation. Walks and Talks, Division of Animal Welfare, University of Bern, Switzerland.
- Oral presentation. Animal welfare seminars, The University of Bern, Switzerland.
- 2014 Training of trainers program on animal welfare in pre-slaughter and slaughter. OIE, Israel.
- 2013 Oral Presentation. Animal welfare seminars, The University of Bristol, Bristol, UK.
- 2013 Oral presentation. Agroscope Reckenholz- Tanikon, Federal Office for Agriculture FOAG, Switzerland.
- 2013 Oral Presentation. UFAW International Animal Welfare Science Symposium, Barcelona, Spain.

2012 Poster presentation. Dairy Cattle Welfare Symposium, Guelph, Ontario, Canada.

Thesis Supervision/Co-supervision:

2023. In progress MSc thesis. An online intervention program for the prevention of separation related problems in dogs. Student: Ida Hald Simonsen. University of Copenhagen.
2023. In progress MSc thesis. Consumers' dietary choices and knowledge of animal food production methods. Student: Kristina Damgaard. University of Copenhagen.
- 2023 BSc thesis. Is brush usage an indicator of positive welfare in dairy cattle? Student: Anne-Kirstine Bach Møller. University of Copenhagen.
- 2023 BSc thesis. Positive vs. negative reinforcement in dogs in relation to training aim Student: Sofie Désirée Baldur. University of Copenhagen.
- 2022 MSc thesis. Calf nurseries – nanny characteristics. Student: Nanna Marie Lindelof Rasmussen. University of Copenhagen.
- 2021 DVM thesis. “Environmental enrichment for the improvement of goat welfare”. Student: Lirona Tzin. Hebrew University.
- 2019 DVM thesis. “Brushing activity as an indicator of lameness in dairy cows”. Student: Hadar Harazi. Hebrew University.
- 2019 MSc thesis. “Sheep welfare and farmers’ attitudes towards animal welfare in Yabello and Menz, Ethiopia”. Student: Selina Ulmann. ETH Zurich.
- 2018 BSc thesis. “An Insight into the Channels of Information Swiss Dairy Farmers use for gaining up-to-date Animal Husbandry Knowledge”. Student: Johanna Kuhn. ETH Zurich.

Commission of trust:

- 2021 United Nations food systems summit – Member of the preparatory committee. Israel.
- 2016-present Veterinary Symposium – Member of the planning committee. HUJI, Israel.