

Jens Malmkvist

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Education

PhD in Ethology (Animal Behaviour), University of Copenhagen, Denmark

Aug 20, 2001

MSc in Biology (Cand. scient.), University of Southern Denmark

Feb 21, 1995

Employment

Professor, Dept. Applied Animal Science and Welfare, SLU, Sweden

2024-

Senior Researcher, Dept. Animal and Veterinary Sciences, Aarhus University, Denmark

2006-

Scientist, Dept. Animal Health and Welfare, Danish Institute of Agricultural Sciences (DIAS)

2001-2006

Graduate Research Fellow/PhD student DIAS/University of Copenhagen

1998-2001

Academic employee, Dept. Animal Health and Welfare, DIAS

1995-1998

Other qualifications, honours, and research evaluation

Faculty professor and subject head of Applied Ethology, Swedish University of Agricultural Sciences, 2024-
Hearing expert: European Food Safety Authority (EFSA), on several species of farm animal welfare, 2024-2025.

Nominations: (1) Member of the Academic Council, Faculty of Technical Sciences, Aarhus University, 2020-24, (2) Member of the Committee for Responsible Conduct of Research and Freedom of Research, Aarhus University, 2021-24.

Section Editor for 'Livestock Science', within behaviour, health, and welfare in animal production, 2015-19.

Plenary speaker at international conferences: (1) 10th Congress of IFASA, 2012. (2) ISES, 2014.

1st prize 'most promising research': Behaviour and stress responses in horses with gastric ulcers, ISES 2011.

Academic results

Author of 63 peer-reviewed journal papers within animal behaviour, stress and welfare.

H-index: Web of Science: 24, Google Scholar: 30, 3575 citations

Additionally, author of 165 contributions to books, peer-reviewed publicly available reports, scientific conferences and other scientific dissemination.

Research

My field of research is applied animal behaviour, stress and welfare. I have over the years been leading projects and participating in scientific research teams studying a range of animal species, including pig, mink, poultry, horses and others. I contribute to high-level academic supervision, teaching and science-based consultancy. The latter as reports and answers to authorities in several countries, and in the EU.

Project leader experience

I have completed two project leader courses certified by PricewaterhouseCoopers. I have extensive experience with leading projects, including with international and industrial partners.

Examples of grants and roles:

The intelligent farrowing unit. € 2.419.000, 2009-12. The Danish Foundation of Innovation. My role: project leader of working package, PhD supervisor.

Improvement of welfare in mink through novel feeding strategies. € 543.000, 2009-12. Food Research Programme 2008. My role: Project leader, PhD supervisor.

Interdisciplinary stress research. € 151.000, 2009-13. AU Research Foundation. My role: Project leader.

Maternal stress affecting early young mortality. € 175.000, 2008, 2012-13. Danish Pelt Levy Foundation. My role: Project leader.

Modulation of fearfulness in horses through maternal mediation. € 677.000, 2012-15. The Danish Council for Independent Research. Participant, PhD supervisor.

WelFur – Developing tools for on-farm assessment of mink welfare. € 705.000, 2011-13. EFBA. My role: Participant.

Management for improved young survival, welfare and efficiency in Danish mink production. € 1.453.752, 2014-18. Programme for green development and demonstration (GUDP). My role: Project leader, PhD supervisor.

Abnormal behaviour in mink – cause and consequences. € 91.000, 2019. Danish Pelt Levy Foundation. My role: Project leader.

Early transfer of kits – what is the optimal strategy for large litters in mink? € 312.000, 2018-20. Danish Pelt Levy Foundation. My role: Project leader.

Optimising procedures for local anaesthesia of piglets prior to castration. € 497.000, 2019-22. Danish Ministry of Food, Agriculture and Fisheries. My role: Participant, PhD Supervisor.

PPillow – Poultry and Pig Low-input and Organic production systems' Welfare, 2021-24. European Union Horizon 2020 Research and Innovation programme. WP 6.4 Innovation within farrowing house design for outdoor rearing. My role: Participant, research responsible, PhD host.

WelBredPOrg – Breeding for behaviour indicative of positive welfare in organic grower pigs. € 932.298, 2023-26. Green development and demonstration programme, ICROFS/GUDP. My role: Participant, Project leader for WP.

Teaching and Supervision

Completed PhD supervisor courses and acquired updated teaching knowledge via the University Pedagogical course (5 ECTS) in 2022. Experience with supervision of multiple PhD, Master and Bachelor students.

Teaching at bachelor and master courses as universities. Course responsible for 10 ECTS course at Veterinary Medicine, Aarhus University, 2023-. I have done teaching at several PhD courses: 'Abnormal Behaviour' (2008, Helsinki University), 'Maternal and neonate behaviour' (2016, Aarhus University), and is responsible for the PhD course (5 ECTS) 'Interpretation of Animal Stress Responses' (2009, 2011, 2013, 2015, 2018, 2022, and 2025).

International relations

Stays abroad: Dept. Animal Science, NSAC and Dalhousie University, Canada 1999. University of Veterinary Medicine, Vienna, Austria 2003. Several research projects and papers with international collaboration. Supervision of PhDs for which two different UK professors (University of Bristol) were co-supervisors. Member of the international scientific organisations ISAE (International Society of Applied Ethology) and ISES (International Society of Equitation Science); regular participant in scientific conferences. Co-organised the international scientific conferences of ISES in 2014 and of ISAE in 2017 in

Denmark. My working time is divided between two universities: SLU in Sweden (80%) and AU in Denmark (20%), 2024-.