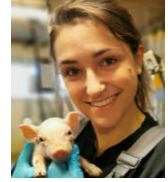


Mathilde Coutant, *Curriculum vitae*

Department of Animal and Veterinary Science, Aarhus University, DK-8830 Tjele, Denmark
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Education / Academic positions

- 2023 – Post-doctoral researcher, Faculty of Technical Science, Aarhus University, Denmark
- 2019 – 2023 PhD in Animal Science, Faculty of Technical Science, Aarhus University, Denmark
- 2022 University diploma in Bioacoustics, Bioacoustics Winter School Training, Université Jean Monnet, Saint-Etienne, France
- 2016 – 2019 Msc (Cand. Scient.) in Animal Science, Wageningen University and Research, Wageningen, The Netherlands – *Cum laude honorific distinction*
- 2015 – 2019 Msc (Cand. Scient.) in Agricultural Engineering, Ecole Supérieure d'Agricultures, Angers, France – *Honorific distinction*

Research projects

- 2023 - Post-doctoral fellowship
Topics: Novel technologies to measure animal welfare
- 2019 - 2023 PhD project, Faculty of Technical Science, Aarhus University, Denmark
Topic: Refinement of stress and pain recordings in newborns using administration of local anesthetics prior to castration in piglets as a model
- 2022 (1 month) Research exchange, Novo Nordisk, Ganløse, Denmark
Topic: Measurement of post-operative pain in Gottingen minipigs
- 2018 (6 month) 2nd Master thesis, Adaptation Physiology Chair group, Wageningen University, Wageningen, The Netherlands
Topic: Investigation of the relations between pre-weaning play and adaptive capacities of piglets around weaning
- 2017 (6 months) Master thesis, Adaptation Physiology Chair group, Wageningen University, Wageningen, The Netherlands
Topic: Quantification of the effects of pre-weaning prebiotic supplementation on the cognitive development of Gottingen minipigs

Scientific focus

I am specialized in the welfare, behaviour and physiology of pigs, including piglets and minipigs. My research focus is on quantifying the effect of husbandry procedures such as castration or weaning on the physiological and emotional responses of pigs. I am highly interested in developing, validating and critically reviewing new methodologies of recording pig welfare and behaviour.

Grant and awards

- 2024: Early Career Award (Journal of Veterinary Behavior)
- 2023: AUFF Nova – PDS-BIO (600.000 kr)
- 2022: Vidcenter for Dyrevelfærd – a review on the potential of bioacoustics to monitor pig welfare (270.000 kr)