

CURRICULUM VITAE

NAME: Mirka Mølgaard Thorsteinsson

ACADEMIC DEGREES

PhD in Animal Science, Aarhus University

MSc in Agrobiological, Animal Science, Aarhus University

BSc in Agrobiological, Animal Science, Aarhus University

EMPLOYMENT

2023-now: Postdoc, Department of Animal and Veterinary Sciences, Aarhus University

2020-2023: PhD student, Department of Animal and Veterinary Sciences, Aarhus University

2019-2020: Research assistant, Department of Animal and Veterinary Sciences, Aarhus University

AWARDS AND OTHER HONORARY EVENTS

EliteForsk – Travel grant, Ministry of Higher Education and Science 2022

PATENTS: Co-inventor on 1 patentable additive

MAIN AREA OF EXPERTISE

Feedstuffs and feed evaluation systems for cattle, ruminant nutrition, feed additive, health and nutritional indicators in blood and milk from dairy cows

SELECTED PEER-REVIEWED PAPERS:

- **Thorsteinsson, M.** & Nielsen, M.O. (2025). In vitro screening of dihalomethanes as potential methane inhibitors in dairy cows. JDS Communications.
- **Thorsteinsson, M.**, Schönherz, A.A., Noel, J.N., Cai, Z., Hellwing, A.L.F., Lund, P., Weisbjerg, M.R., Nielsen, M.O. (2024). A preliminary study of effects of the red *Bonnemaisonia hamifera* seaweed on methane emission from dairy cows. JDS Communications.
- **Thorsteinsson, M.**, Chassé, É., Curtasu, M.V., Battelli, M., Bruhn, A., Hellwing, A.L.F., Weisbjerg, M.R., Nielsen, M.O. (2024). Potential of 2 Northern European brown seaweeds (*Fucus serratus* and *Fucus vesiculosus*) as enteric methane inhibitors in dairy cows. Journal of Dairy Science.
- **Thorsteinsson, M.**, Lund, P., Weisbjerg, M.R., Hellwing, A.L.F., Hansen, H.H. & Nielsen, M.O. (2023). Enteric methane emission of dairy cows supplemented with iodoform in a dose-response study. Scientific Reports.
- **Thorsteinsson, M.**, Weisbjerg, M.R., Lund, P., Battelli, M., Chassé, É. Bruhn, A., & Nielsen, M.O. (2023). Effects of seasonal and interspecies differences in macroalgae procured from temperate seas on the Northern hemisphere on in vitro methane mitigating properties and rumen degradability. Algal Research.
- **Thorsteinsson, M.**, Weisbjerg, M.R., Lund, P., Bruhn, A., Hellwing, A.L.F. & Nielsen, M.O. (2023). Effects of dietary inclusion of three Nordic brown macroalgae on enteric methane emission and productivity of dairy cows. Journal of Dairy Science.
- **Thorsteinsson, M.**, Maigaard, M., Lund, P., Weisbjerg, M. R., & Nielsen, M. O. (2023). Effect of supplementation of fumaric acid in combination with *Asparagopsis taxiformis* or nitrate on in vitro gas production, pH, and redox potential during rumen fermentation. 2023. JDS Communications.
- **Thorsteinsson, M.**, Martin, H. L., Larsen, T., Sehested, J. & Vestergaard, M. (2020). The effects of supplementation of yeast (*Saccharomyces cerevisiae*) and postbiotic from *Lactobacillus acidophilus* on the health and growth performance of young Jersey heifer calves. Journal of Animal and Feed Sciences.
- **Thorsteinsson, M.** & Vestergaard, M. (2020). Performance and health of young rosé veal calves supplemented with yeast (*Saccharomyces cerevisiae*) and a postbiotic from *Lactobacillus acidophilus*. Journal of Animal and Feed Sciences.