

Curriculum Vitae

Name	Emma Marie Vallentin Hvas
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	<u>EDUCATION</u>
2021 - 2024	Ph.D., Department of Animal and Veterinary Sciences, Aarhus University
2019 - 2021	Master of Science in Agrobiological, Animal Science, Aarhus University
2016 - 2019	Bachelor of Science in Agrobiological, Animal Science, Aarhus University
	<u>EMPLOYMENT</u>
2024 - 2025	Aarhus University, Department of Animal and Veterinary Sciences Postdoc, dairy cattle nutrition, and feed production.
2021 - 2024	Aarhus University, Department of Animal and Veterinary Sciences Ph.D. fellowship, dairy cattle nutrition, and feed production.
	<u>DESCRIPTION OF RESEARCH AREA</u>
	My research focuses on dairy cattle nutrition, emphasizing sustainability and reducing methane emissions. I work on improving feed evaluation and developing feeding strategies to optimize nutrient utilization and minimize environmental impact. Additionally, I study nutrient metabolism in cattle, with a particular focus on rumen metabolism. Methods applied are ruminal and blood infusions using stable isotopes.
	<u>LEISURE ACTIVITY</u>
2016	Volunteer at N/a'an ku sê Wildlife Sanctuary Conservation work to preserve the landscape, culture, and wildlife of Namibia. Learning about and dealing with human-animal conflicts and the consequences of these.
	<u>PUBLICATIONS</u>
	Hvas, E.M.V. , Larsen, M., Andersen, L., Bedenk, U., Weisbjerg, M.R. 2025. Ensiling sugar beets: Sampling, chemical composition and digestibility of mixed sugar beet silage. <i>Animal Feed Science and Technology</i> vol. 323, 116302.
	Hvas, E.M.V. , Larsen, M., Andersen, L., Bedenk, U., Weisbjerg, M.R. 2024. Ensiling sugar beets: Effect of mixer feed used for co-ensiling on fermentation products and losses when ensiled in vacuum bags. <i>Animal Feed Science and Technology</i> vol. 318, 116101.
	Hvas, E.M.V. , Hanigan, M., Weisbjerg, M.R. & Larsen, M. 2024. Ruminal ethanol metabolism in dairy cows fed sucrose and ethanol rich diets. <i>Proceedings of the 2024 Meeting of the Animal Science Modelling Group, West Palm Beach, USA.</i>
	Hvas, E.M.V. , Weisbjerg, M.R. & Larsen, M. 2024. Ethanol metabolism in dairy cows fed sucrose- and ethanol-rich diets. <i>Journal of Dairy Science</i> . 107, Supplement 1 - ADSA 2024 – West Palm Beach, USA, p. 370.