

Luca Lotte van Dijk – Curriculum Vitae

Personal data

Luca van Dijk, born May 3rd, 1995, in Amsterdam, The Netherlands

Present position (15.08.2025 -)

Postdoctoral researcher, Department of Animal and Veterinary Sciences, Research Center Foulum, Aarhus University

Profile

My research expertise is in animal welfare during (long-distance) transport. I particularly focus on animal physiology during transport, and explore innovative methods of negating welfare concerns, such as extended fasting intervals in unweaned calves.

Education

2025 - PhD in Veterinary Bioscience, Munster Technological University Kerry, Tralee, Ireland

2021 – MSc in Animal Science, Wageningen University & Research, Wageningen, The Netherlands

2017 – BSc in Applied Biology, HAS University of Applied Science, 's-Hertogenbosch, The Netherlands

Previous relevant positions

2024 – Visiting PhD-candidate at the University of Western Australia, Perth, Australia

2017 to 2019 – Farm worker at various locations in Australia to understand common farm practices and complexities to implement changes to improve animal welfare

Projects

2025 to 2027 - VANDKALV: Establishing new knowledge about calves' fluid needs with relevance for transport, during illness and in daily care

Selection of peer-reviewed publications

van Dijk, L.L., Siegmann, S., Field, N.L., Sugrue, K., van Reenen, C.G., Bokkers, E.A., Sayers, G. and Conneely, M., 2023. Effect of source and journey on physiological variables in calves transported by road and ferry between Ireland and the Netherlands. *Frontiers in Veterinary Science*, 10, p.1238734.

van Dijk, Luca L., Susanne Siegmann, Niamh L. Field, Katie Sugrue, Cornelis G. van Reenen, Eddie AM Bokkers, Muireann Conneely, and Gearoid Sayers. "Observational study: effect of varying transport durations and feed withdrawal on the physiological status and health of dairy calves." *Irish Veterinary Journal* 78, no. 1 (2025): 1.

van Dijk, L. L., S. Siegmann, P. Bennett, K. Sugrue, C. G. van Reenen, E. A. M. Bokkers, G. Sayers, M. Conneely, and N. L. Field. "Feeding on the move: assessing the effect of feeding during long-distance ferry transport on the physiology, clinical signs of disease and activity of unweaned calves." *animal* 19, no. 7 (2025): 101561.

Siegmann, Susanne, **Luca L. van Dijk**, Niamh L. Field, Gearoid Sayers, Katie Sugrue, Gerrit Gort, Cornelis G. van Reenen, Eddie AM Bokkers, and Muireann Conneely. "Effects of pre-and post-transport feeding protocols on the metabolism and physiological status of veal calves." *Journal of Dairy Science* (2025).