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Curriculum Vitae

My research generally aims at using grassland leys in mixed farming systems to enhance ecosystem services in agriculture while at the same time providing high and stable yields. My focus is on using diverse pastures to enhance the sustainability of dairy production, with a focus on the potential of plant secondary metabolites to reduce methane emissions and nitrate leaching and enhance carbon sequestration.

Due to the interconnectedness of agricultural systems, my expertise is at the interface of animal nutrition, plant chemistry, agronomy and environmental sciences. I try to provide the empirical background and innovation to optimise agricultural production at the system level.

Qualifications

Ph.D., Agronomic and bioactive potential of sainfoin (*Onobrychis viciifolia*) for sustainable agriculture, ETH Zürich
1 Sept 2012 → 1 Jun 2016
Award Date: 1 Jun 2016

Environmental Sciences, M.Sc., University of Edinburgh
1 Sept 2010 → 1 Sept 2011
Award Date: 1 Sept 2011

Employment

Tenure Track assistant professor
Department of Agroecology - Agricultural Systems and Sustainability
Aarhus University
Tjele, Denmark
16 Dec 2021 → present

Post-Doc

Kiel University
Kiel, Germany
1 Nov 2016 → 31 Dec 2021