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Education:

1980-1985 cand. agro (M.Sc. Agriculture), Royal Veterinary and Agricultural University (RVAU), Denmark
1986-1989 Ph.D., RVAU (Now Copenhagen University, KU)

Employment:

1978-1980 Military service and practical work on farms in Denmark and France
1985-1986 Extension, cattle production, farmers union
1986-1989 Ph.D. fellowship, RVAU, with work address at Research Centre Foulum
1989-1993 Research scientist at National Institute of Agricultural Sciences (DJF)
1993-2018 Senior scientist at DJF, now Aarhus University (AU)
2018- Professor, Ruminant nutrition and feed evaluation, Dep. of Animal and Veterinary Sciences, AU Viborg.

Scientific focus areas: The main research area is ruminant nutrition and feed evaluation where research areas have involved nutrient metabolism in the digestive tract of ruminants, feed evaluation, kinetics of fibre degradation and passage. Further, feeding strategies for dairy cows including importance of forage quality, response to nutrient strategies, and environmental and climate effects of feeding strategies have been important areas.

Project management experience: Main recent/present research projects are: Faba beans as replacement for soybean and rapeseed meal (project coordinator); Fresh grass-clover for dairy cows (WP responsible); Optimization of ensiling as a method for preserving macroalgal biomass (OpEnMac), MABIT programme by NTT, 2018-2019, Danish coordinator; “Fodring og fænotype af den klimaeffektive malkeko”, (Landbrugsstyrelsen), WP responsible; ‘Reduceret klimaaftryk på KO-niveau og BEDRIFTS-niveau’, (MAF), WP responsible, 2020-2023; Cattle Feed InTake – CFIT, Innovationsfonden, WP responsible; Reduced methane emission – INCOME, MAF, 2022-2026, project coordinator; FIBERMILK – Reduced climate and environmental footprint from milk production through increased fibre digestibility of grass and legume crops, GUDP, 2024-2027, WP responsible; Reducing methane from dairy cows using dietary fat without increasing milk free fatty acid concentration, MAF, 2025-2028, project responsible.

Teaching: Teaching on courses on BSc, MSc and PhD level. Supervision (now and previous) of Danish and foreign B.Sc., M.Sc. and Ph.D. students. Have been Ph.D. examiner in Norway, Finland, Sweden, Denmark, Italy, UK and The Netherlands.

Other activities: Charing the Danish network for ‘Ruminant Feed Supply and Nutrition’. Cattle coordinator at Dep. of Animal and Veterinary Sciences. Previous participation in several DANIDA financed ENRECA and Twinning projects in African countries (Zimbabwe, Tanzania, Uganda, Malawi, Namibia) in co-operation with universities and research institutes in these countries. Member of the NorFor ‘Scientific Advisory Group’.

H-index (April 2025): Google Scholar: 59; Web of Science: 42