

Name: Søren Krogh Jensen**Born:** 2nd Dec 1959.**Position:** Professor

Department of Animal and Veterinary Sciences, Aarhus University, Blichers Allé 20, DK-8830 Tjele

Email address: skj@anivet.au.dk**Academic qualifications:**

1991 Ph.D. in biochemistry from the Royal Veterinary and Agricultural University (RVAU)

1987 MSc (cand. Agro), RVAU

Professional experience:

2020 - Professor at Department of Animal Science, Aarhus University

1995 - 2020 Senior scientist at Department of Animal Science, Aarhus University

1991 - 1995 Research scientist at Danish Institute of Agricultural Sciences (DIAS), Department of Animal Nutrition and Physiology (DJF)

1988 - 1991 Ph.D. student, Department of Chemistry, RVAU/Novo Nordisk A/S

1987 Teaching assistant, Department of Chemistry, RVAU

In April 2002 I founded the innovation company Evilec Aps together with three other investors (www.evilec.dk)**Projects, research and competences:**

Research interest is within sustainable animal food production with focus on protein sources, protein quality, vitamins, antioxidants, lipids, fatty acids, as well as anti-nutrients in feed. A focus area is lab scale extraction and upscaling of separation of protein, fiber and secondary plant metabolites from new or alternative biomass sources for utilization in feed, food and pharma. Another focus area is utilization and function of natural vitamin sources. Widespread experience in leading and involvement in projects related to these fields. The work has been published in more than 480 publications of which 240 is peer-reviewed within the area of basic physiology, nutrition, biochemistry, animal product quality and animal health, as well as development of new sensitive analytical methods on HPLC and GLC. The spectrum of animal species involved in the research comprises cattle, sheep, pigs, poultry, mink, horses and humans. In 2000 the first prize was achieved in an Innovation Competition at Agro Business Park Foulum. This prize led to the formation of the company Evilec ApS. Over the years 25-30 students from B.Sc. to Ph.D level has made their thesis or a part of their thesis in the lab. The students originated from Denmark, Sweden, Norway, Spain, Argentina, China and Iran. Serve as external examiner at KU and DTU and member of the board of "International Consultative Group on Rapeseed", reviewer at a number of scientific journals. He is member of the steering committee of Centre for Circular Bioeconomy at Aarhus University.

Number of publications / outputs in total: 240 peer-reviewed papers in scientific journals, other scientific contributions (chapters/proceedings) >150 conferences, >100 popular papers and reports
Full list of publications and activities:

[http://pure.au.dk/portal/en/persons/soeren-krogh-jensen\(7e493d39-1152-46c0-a822-c46e6ed914f3\).html](http://pure.au.dk/portal/en/persons/soeren-krogh-jensen(7e493d39-1152-46c0-a822-c46e6ed914f3).html)

Latest selected publications in international journals

Lashkari, S., Beblein, C., Christensen, J. W. & Jensen, S. K 2025. The effect of the fat to starch ratio in young horses' diet on plasma metabolites, muscle endurance and fear responses. *Journal of Animal Physiology and Animal Nutrition*. 109, 113-123.

Bruun, TS, Jensen, SK, Larsen, T, Nielsen, MF, Roger, L and Feyera, T. 2024. Effect of dietary calcium and vitamin D supplements on plasma bone turnover biomarkers, bone mineralization, bone strength, and lameness score in gilts. *Journal of Animal Science* 102, <https://doi.org/10.1093/jas/skae310>

Feyera, T, Lashkari, S, Johannsen, JC, Llauroadó-Calero, E, Zhe, L, Theil, PK and Jensen, SK. 2023. Supplementation of palmitoleic acid improved piglet growth and reduced body temperature drop upon cold exposure. *Journal of Animal Science* 101, 1-13. <https://doi.org/10.1093/jas/skad372>

Stødkilde-Jørgensen, L, Mogensen, L, Bache, JK, Ambye-Jensen, M, Vinther, J, Jensen, SK. 2023. Local protein sources for growing-finishing pigs and their effects on pig performance, sensory quality and climate impact of the produced pork. *Livestock Science*, Bind 267, 105128.

Hansen, NP, Jensen, SK, Johansen, M, Hellwing, ALF, Ambye-Jensen, M, Larsen, M, Weisbjerg, MR 2023. Fiber digestibility and protein value of pulp silage for lactating dairy cows: Effects of wet fractionation by screw pressing of perennial ryegrass. *J. Dairy Sci.* 106:937-953.

Lashkari, S & Kristensen, NB. 2020. Pharmacokinetics of α -tocopherol stereoisomers in plasma and milk of cows following a single dose injection of all-rac- α -tocopheryl acetate. *Food Chemistry* 310, 125931.