DTU Aqua
National Institute of Aquatic Resources

# Kylian Manon Eggink

Year of birth: 1995

**ORCID**
0000-0003-3039-0356

**Degrees**

PhD (Section for Aquaculture)
Technical University of Denmark, Denmark (2023)
MSc (Nutrition and Health, spec. Molecular Nutrition and Toxicology)
Wageningen University and Research, the Netherlands (2020)
MSc (Animal Sciences, spec. Nutrition and Metabolism)
Wageningen University and Research, the Netherlands (2020)
BSc (Major Nutrition and Health, Minor Animal Sciences)
Wageningen University and Research, the Netherlands (2017)

**Positions**

Postdoctoral Researcher, Section for Aquaculture
Technical University of Denmark, Denmark (2023 – present)

**Research area**

My research focuses on the use of alternative raw materials in aquaculture feeds, with particular emphasis on their effects on fish performance, nutrient digestibility, and health. I specialise in feed formulation and fish feed production, aiming to develop sustainable, high-quality diets that support efficient and responsible aquaculture practices.

**Distinctions and awards**

Best oral presentation, International Symposium on Fish Nutrition and Feeding, Italy (2022)
Otto Mønsted Foundation for travelling, Denmark (2022)
Talent Award Animal Nutrition, Bevordering Stichting Diervoeding, the Netherlands (2017)

**Web of Science publications:** 5. **Contributions as first author:** 5. **Citations:** 182. ***h*-index:** 5. **Reports:** 1.

**International conferences:** 4.

**Evaluation tasks, 2022 - present**

Regular reviews for: ‘Insects’, ‘Aquaculture International’, ‘Journal of Insects as Food and Feed’, ‘Journal of Applied Research’, ‘Cogent Food & Agriculture’, ‘PLOS ONE’, ‘Egyptian Journal of Aquatic Research’

**Educational tasks at academic level**

DTU course MSc: Quantitative Sustainability (2024 – present)

**Publications**

**Eggink, K. M.**, Gonçalves, R., & Skov, P. V. (2024). Shrimp Processing Waste in Aquaculture Feed: Nutritional Value, Applications, Challenges, and Prospects. Reviews in Aquaculture, 17(1), e12975. https://doi.org/10.1111/raq.12975

**Eggink, K.M.**, Dalsgaard, J., 2023. Chitin contents in different black soldier fly *(Hermetia illucens*) life stages. Journal of Insects as Food and Feed 9(7), 855-863. https://doi.org/10.3920/JIFF2022.0142

**Eggink, K.M.**, Donoso, I.G., Dalsgaard, J., 2023. Optimal dietary protein to carbohydrate ratio for black soldier fly (*Hermetia illucens*) larvae. Journal of Insects as Food and Feed 9 (6), 789-798. https://doi.org/10.3920/JIFF2022.0102

**Eggink, K.M.**, Lund, I., Pedersen, P.B., Hansen, B.W., Dalsgaard, J., 2022. Biowaste and by-products as rearing substrates for black soldier fly (Hermetia illucens) larvae: Effects on larval body composition and performance. PLOS ONE 17(9): e0275213. https://doi.org/10.1371/journal.pone.0275213

**Eggink, K.M.**, Pedersen, P.B., Lund, I., Dalsgaard, J., 2022. Chitin digestibility and intestinal exochitinase activity in Nile tilapia and rainbow trout fed different black soldier fly larvae meal size fractions. Aquaculture Research 53(16): 5536-5546. https://doi.org/10.1111/are.16035