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Employment

Postdoc

National Institute of Aquatic Resources
Technical University of Denmark
Kgs. Lyngby, Denmark
3 Feb 2020 → present

Section for Aquaculture

Technical University of Denmark
Hirtshals, Denmark
5 Feb 2020 → present

DTU Microbes Initiative

Technical University of Denmark
24 Mar 2022 → present

Qualifications

Master Molecular Nutrition and Toxicology, Wageningen University
1 Jan 2017 → 1 Jan 2020

Master Animal Nutrition, Wageningen University
1 Jan 2017 → 1 Jan 2020

Bachelor Nutrition and Health, Wageningen University
1 Sept 2013 → 1 Jan 2017

BSc

Ing

MSc

Research outputs

Shrimp Processing Waste in Aquaculture Feed: Nutritional Value, Applications, Challenges, and Prospects

Eggink, K. M., Gonçalves, R. & Skov, P. V., 2025, In: *Reviews in Aquaculture*. 17, 1, 29 p., e12975.

Discard survival of undersized European plaice caught with towed fishing gears in Danish waters

Savina, E., Karlsen, J. D., Skov, P. V., Uhlmann, S., Noack, T., Neuenfeldt, S., Andersen, N. G., Malta, T., Eggink, K. M. & Machado, L. S., 2024, Hirtshals, Denmark: DTU Aqua. 85 p. (DTU Aqua-rapport; No. 449-2024).

Chitin contents in different black soldier fly (*Hermetia illucens*) life stages

Eggink, K. M. & Dalsgaard, J., 2023, In: *Journal of Insects as Food and Feed*. 9, 7, p. 855-863 10 p.

Modification of the nutritional composition of black soldier fly (*Hermetia illucens*) for fish feed applications

Eggink, K. M., 2023, Kgs. Lyngby, Denmark: DTU Aqua. 157 p.

Optimal dietary protein to carbohydrate ratio for black soldier fly (*Hermetia illucens*) larvae

Eggink, K. M., Donoso, I. G. & Dalsgaard, J., 2023, In: *Journal of Insects as Food and Feed*. 9, 6, p. 789-798 10 p.

Biowaste and by-products as rearing substrates for black soldier fly (*Hermetia illucens*) larvae: Effects on larval body composition and performance

Eggink, K. M., Lund, I., Pedersen, P. B., Hansen, B. W. & Dalsgaard, J., 2022, In: PLOS ONE. 17, 9, 18 p., e0275213.

Chitin digestibility and intestinal exochitinase activity in Nile tilapia and rainbow trout fed different black soldier fly larvae meal size fractions

Eggink, K. M., Pedersen, P. B., Lund, I. & Dalsgaard, J., 2022, In: Aquaculture Research. 53, 16, p. 5536-5546 11 p.

Prizes

Best oral presentation

Eggink, K. M. (Recipient), 9 Jun 2022

Activities

Egyptian Journal of Aquatic Research (Journal)

Eggink, K. M. (Reviewer)
3 Feb 2025 → 5 Feb 2025

Insects (Journal)

Eggink, K. M. (Reviewer)
11 Oct 2024

PLoS ONE (Journal)

Eggink, K. M. (Reviewer)
4 Oct 2024 → 21 Nov 2024

Insects (Journal)

Eggink, K. M. (Reviewer)
29 Sept 2024 → 30 Sept 2024

The effect of dietary chitin on nutrient digestibility in rainbow trout feed

Eggink, K. M. (Speaker)
24 Aug 2024

Aquaculture International (Journal)

Eggink, K. M. (Reviewer)
7 Jun 2024 → 23 Jun 2024

Journal of Insects as Food and Feed (Journal)

Eggink, K. M. (Reviewer)
21 Apr 2024 → 1 May 2024

Journal of Insects as Food and Feed (Journal)

Eggink, K. M. (Reviewer)
14 Aug 2023 → 23 Dec 2023

Lecture on food of the future

Eggink, K. M. (Guest lecturer)
8 Aug 2023

Journal of Applied Research (Journal)

Eggink, K. M. (Reviewer)
1 Aug 2023 → 30 Aug 2023

Cogent Food & Agriculture (Journal)

Eggink, K. M. (Reviewer)
10 Apr 2023 → 20 Aug 2023

Optimal dietary protein to carbohydrate ratio for black soldier fly larvae

Eggink, K. M. (Speaker)
15 Jun 2022

Modulation of black soldier fly body composition

Eggink, K. M. (Speaker)
14 Jun 2022

Chitin digestibility and chitinase activity in fish

Eggink, K. M. (Speaker)
6 Jun 2022

Journal of Insects as Food and Feed (Journal)

Eggink, K. M. (Reviewer)
30 May 2022 → 10 Sept 2022

High school teaching material development

Eggink, K. M. (Guest lecturer)
1 Jan 2021 → 1 Jan 2022

Projects

Amino acid optimization of fish feed

The, H. L. N. (PhD Student), Dalsgaard, A. J. T. (Main Supervisor) & Eggink, K. M. (Supervisor)
01/01/2025 → 31/12/2027

BØNNEFISK: Development of horse bean protein raw material for fish feed

Dalsgaard, A. J. T. (Project Manager), Eggink, K. M. (Project Participant) & Pedersen, P. B. (Project Participant)
01/01/2025 → 30/06/2028

MEDUSA: Development of technologies for commercial utilisation of jellyfish as an ingredient in aquaculture fish feed (112648)

Dalsgaard, A. J. T. (Project Manager), Eggink, K. M. (PI) & Jaspers, C. (PI)
01/10/2023 → 30/09/2026

Enorm Biofactory—Valorisation of waste biomass by way of insect production (ENORM) (39605)

Pedersen, P. B. (Project Manager), Dalsgaard, A. J. T. (Project Participant) & Eggink, K. M. (PhD Student)
01/01/2019 → 31/12/2022

Insect-based ingredients in fish feed

Eggink, K. M. (PhD Student), Eriksen, N. T. (Examiner), Lock, E.-J. R. (Examiner), Dalsgaard, A. J. T. (Main Supervisor) & Lund, I. (Supervisor)
01/02/2020 → 12/05/2023

KVÆLSTOP: Reducing the aquaculture industry's nitrogen emissions and climate footprint through an innovative feed concept (113654)

Dalsgaard, A. J. T. (Project Manager), Eggink, K. M. (PI) & Pedersen, P. B. (Project Participant)

30/08/2023 → 12/12/2026

Værdikæde - Closing the loop (114159)

Dalsgaard, A. J. T. (Project Manager), Pfalzgraff, T. (PI), Eggink, K. M. (PI) & Pedersen, P. B. (Project Participant)
01/01/2024 → 30/06/2026