

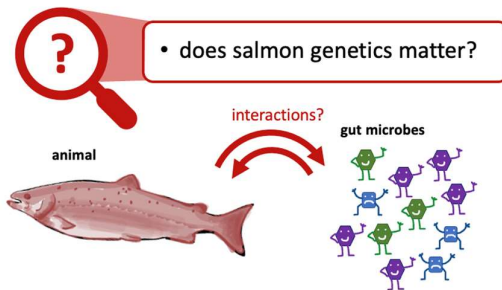
Bachelor or Master thesis BIOVIT 2022/23

Har laksen genetisk variasjon som påvirker tarmmikrofloraen?

Topic/Title (English)

Does Atlantic salmon have genetic variation which impact their gut-microbiota?

Picture



Summary

The genetics of animals have been shown to modulate the gut microbial composition, with potential consequences for the animal physiology. However, we know nothing about this interaction in aquaculture Atlantic salmon. In this project we are using a dataset of 1000 Atlantic salmon and will test for associations between the gut microflora and the host genetics.

Subject area (keywords)

Statistical genomics, microbiomes, GWAS, Atlantic salmon

Language thesis (Norwegian and/or English)

English

Bachelor or Master thesis

Master thesis

Credits

60

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