Bachelor or Master thesis BIOVIT 2021/22

Topic/Title

Egenskaper ved kjøtt fra gamle norske saueraser

Topic/Title

Characteristics of meat from Old Norwegian sheep breeds

(Photo: Hilde Lyby Wærp)

Summary

Active, production-based use of old heritage breeds is a prerequisite for their sustained existence and for the preservation of the gene resources they represent. However, the objective documentation of meat characteristics in old Norwegian sheep breeds is scarce to non-existent. Increased knowledge about meat characteristics in heritage breeds may help to identify areas of use for which the meat is especially well suited, enabling a better utilization and increased value creation from heritage breed farming.

In the MerSmak project, we will gather meat samples from four Norwegian sheep breeds (Rygja, Grå Trønder, Gammalnorsk spælsau and Norsk kvit sau). These samples will be subject to consumer taste preference tests as well as laboratory analyses of tenderness, fat content and fat composition, to look for breed differences.

A literature study will be part of the thesis regardless of level (bachelor/ master). The degree to which laboratory work on fat content and/or composition, tenderness and/or consumer taste preferences and data analyses of raw data will be part of the thesis work will depend on the size of the thesis and the student's field of interest.

Subject area

Genetic resources, sheep, meat quality, conservation, heritage breeds

Language thesis (Norwegian and/or English):

Can be both.

Bachelor or Master thesis

Workload and subject within the project can be adjusted to fit either a bachelor or a master thesis.

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Credits

Master: Can be adjusted to fit both a 30 ects and a 60 ects master thesis. (If a student has a wish for a 60 ects thesis, he/ she will need to participate in laboratory work during first half of 2022 as part of the thesis work).
Bachelor: 15 ects

Project/company

Project “MerSmak – Egenskaper ved kjøtt av gamle norske saueraser».
The project is a collaboration between NMBU by IHA and KBM, and NIBIO by the Norwegian Genetic Resource Centre.

Please contact

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