



FFoQSI is the Austrian Competence Centre for research and innovation in the agri-food sector and bundles a wide international partner consortium. For our research in cooperation with Institute of Food Safety, Food Technology and Veterinary Public Health, University of Veterinary Medicine Vienna, we are searching a

PhD student (f/m/d) in the area of meat microbiology

Title: Beef microbiota profiles from processing to storage

In order to achieve a more sustainable food management and production for future generations it is imperative to avoid unnecessary food loss and waste. Current estimations of global food loss and waste lie around 1.3 billion tons of food being discarded every year. This corresponds to approximately one-third of the food produced globally. A large part of the food being lost is attributed to microbial spoilage.

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Your responsibilities

- > Conducting a PhD with focus on the investigation of microbial spoilage on beef products
- > Fundamental chemical, molecular biological and microbiological investigations along the beef slaughter line, during freeze-thaw cycles for MAP- and VAC- packaged beef and during shelf life extension trials
- > Bioinformatics analysis and interpretation of next-generation sequencing datasets related to flows of microbiota from slaughter to final products

Your most important abilities and qualifications are

- > Food science, microbiology, microbial ecology or other relevant university degree
- > Experience in microbiology and molecular biology (e.g. RNA/DNA extraction, PCR)
- > Experience with high-throughput sequencing datasets and microbial modelling approaches is acknowledged

We are offering

- > close collaboration with partner companies
- > exchange between the project groups
- > education and training
- > part time (30 hours/week)
- > duration of contract: 3 years
- > gross monthly salary 2.228,63 EUR (14 x p. year)

planned start of work: at the earliest possible date

We especially encourage women to apply for this position. Please send the usual application documents latest until 15 October 2021 to Ass.Prof. Mag.med.vet Evelyne Selberherr, PhD Evelyne.Selberherr@vetmeduni.ac.at

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