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Jauni risinājumi piena produktu un to pārstrādes blakusproduktu ražošanā

Geographical location:

Latvia

Main geographical location (NUTS3):

Zemgale

Other geographical location (NUTS3):

Pierīga

Keywords:

Waste, by-products and residues management

Food quality / processing and nutrition

Main funding source:

Rural development 2014-2020 for Operational Groups (in the sense of Art 56 of Reg.1305/2013)

Project type:

Operational group

Starting date:

2018

End date:

2020

Project status:

ongoing

Title (in English):

New solutions to the production of dairy products and processing of by-products

Objective of the project (native language):

Projekta mērķis ir jauni risinājumi laktozes izmantošanai, piena produktu saldināšanai un sūkalu pārstrādei lopbarības piedevās.

Objective of the project (in English):

The project aim is finding of new solutions for using lactose in sweetening of dairy products and processing of whey into feed additives.

Description of activities (native language):

Projektā aktivitātes paredzētas 2 virzienos: 1) laktozes hidrolīzes pētījumi piena produktu salduma palielināšanai; 2) laktozes fermentācijas pētījumi organisko skābju (pienskābe un propionskābe) ieguvei un tehnoloģiju izstrādei produktu ieguvei pilnvērtīgai dzīvnieku barošanas nodrošināšanai un/vai lopbarības konservēšanai. Pētījums ļaus paaugstināt piena pārstrādes efektivitāti, kā arī izveidot savstarpēji izdevīgu sasaisti starp pārtikas ražošanas ķēdē iesaistītajiem piena ražotājiem un piena pārstrādātājiem.

Description of activities (in English):

The project activities are planned to be performed in two directions: 1) the study of whey hydrolysis

for increasing of dairy product sweetness; 2) study of lactose fermentation for production of organic acids (lactic acid and propionic acid), and the development of technologies for production of products, ensuring a wholesome feeding for animals and/or preservation of animal feed. The study will contribute to milk processing effectiveness as well as to setting up of a reciprocally beneficial link between milk producers and milk processors both involved in food production chain.

Total budget:

500000

Project coordinator

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Partner category:

SME

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