

Bilateral project APVV-SK-BG-23-0002 (grant 27A4-A-64039)

Innovative animal products processing: Crossing the frontiers of the bioeconomy

Project annotation: Currently Slovakian (National Agricultural and Food Centre, Luzianky – NPPC) and Bulgarian (University of Food Technologies, Plovdiv, Department of Milk and Dairy Product) institutions are facing two different important challenges united by one goal: maximize the efficiency of agro-food production with the usage of natural resources (**rose petal waste**), based on circular economy approach and bioeconomy framework.

Expected results:

Recommendations will be formulated **to improve the technologies** for dairy and meat products, by enriching them with **rose petal waste** additives.

According to EU initiatives and policy vision, the bilateral proposal will **contribute to making the transition to sustainable** primary food system easier.

The dynamics created through these bilateral activities **promote the creation of networks** of Slovak and Bulgarian institutions and the reinforcement of existing international partnerships, allowing an **international consolidation** of the research teams.

Process workflow

Bulgarian *Rosa damascena* cultivation



Recovery of bio-functional compounds from waste



Application of additives in dairy and meat products



CONTACTS:

VIZZARRI Francesco - NPPC francesco.vizzarri@nppc.sk

IVANOVA Mihaela - UNI Plovdiv mivanova@uft-plovdiv.bg