



Report

Task:

Task 1. Organisation of mobilities

Task 2. Subsidising participation in international conferences

Participant's first and last name, academic degree and title:

Muhammed Şamil AÇAR, MSc.

University name:

Bydgoszcz University Of Science and Technology

Faculty/Department name:

Faculty of Animal Breeding and Biology; Doctoral School of Bydgoszcz University of Science and Technology

Implementation period:

1st June -31st July, 2022

Description of actions implemented within the task:

Analysis and comparison of fatty acid and cholesterol contents of cage and litter egg yolks collected from a poultry farm. During the internship, I participated in laboratory tests in terms of the determination of fatty acids and cholesterol in egg yolks from hens kept in various housing systems. The implementation of the research internship is one of the points that should be completed while studying at the PBS Doctoral School. During the internship, I learned how to prepare samples for research, and also participated in the determination of the aforementioned chemical components of poultry raw materials. Joint research was aimed at developing results that will be the basis for the publication of a joint publication with international co-authorship, which is in line with the implementation of the University's strategy.



Description of results obtained during the implementation of the task:

Short-term:	<ul style="list-style-type: none">• acquiring new laboratory skills in the field of chemical analysis of animal raw materials, including fatty acids and cholesterol• international cooperation with representatives of the Molise University in Campobasso, as well as PhD students from other countries
Long-term:	<ul style="list-style-type: none">• Publishing the results of the research with Prof. Giuseppe Maiorano in a scientific article (planned for 2023). - results are being finalized and developed• It is expected that the visit will be an incentive for the staff and students of the University of Molise to visit the University of Science and Technology, Bydgoszcz.• Contributing to the achievement of both Universities' goals towards internationalization.

07.09.2022 
date, Beneficiary signature

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prof. dr hab. inż. Marek Bednarczyk (7986)
date, Project Manager signature