Report

Task:

☑ Task 1. Organisation of mobilities

☐ Task 2. Subsidising participation in international conferences

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

Sanling Zuo , PhD Student

University name:

Bydgoszcz University of Science and Technology

Faculty/Department name:

Faculty of Animal Breeding and Biology

Implementation period:

15st July 2022 — 15st August 2022

Description of actions implemented within the task:

To participate the internship in the qualification enhancement programme for the staff of higher educational establishments entitled as " Introduction to next-generation sequencing data analysis" and organized by the Aarhus University in Denmark.

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Description of results obtained during the implementation of the task:

Short-term:	• Learn about bioinformatics analysis tools for the molecular analysis results. • Learn to build statistical models of data using the Linux and R. • Preparing for bioinformatics analysis of MS data.
Long-term:	• For metabolomic analysis, use bioinformatics tool, R language, to build statistical models of bioinformatic from mass spectrometry data. • For genome data preprocessing and analysis, including the Fast QC, fastp, Alignment and Methylation extractor by Linux in the futher programme.

16 September, 2022   Sanling Zuo
date, Beneficiary signature

date, Project Manager signature