

Report

Task:

- Task 1. Organisation of scientific visits for UTP employees and students and Partner representatives
- Task 2. Subsidising UTP employees' participation in international conferences combined with presentation of achievements in form of a lecture or a poster

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

MSc Eng. Michelle Paradowska

University name:

UTP University of Science and Technology in Bydgoszcz

Faculty/Department name:

Faculty of Animal Breeding and Biology, Department of Animal Biotechnology and Genetics

Implementation period:

01.06.2021-16.07.2021

Description of actions implemented within the task:

Scientific Internship in the Institute for Gene Conservation Science and Small Animal Research at Godollo. Studying the PGCs culture *in vitro*.



Description of results obtained during the implementation of the task:

<p>Short-term:</p>	<p>Isolation of PGCs from 120 eggs of Green-legged Partridge-like chickens. Starting cell cultures. Sex determination of isolated cells. Culturing cells. Isolating RNA. Freezing obtained cell lines and bringing them back to the University.</p> <p>Learning how to isolate gonads from embryos, inject isolated and cultured PGCs to chicken embryos, insemination of chickens.</p> <p>Presenting to the workers of the Institute in Godollo a 30 minute presentation about the University of Science and Technology, Faculty of Animal Breeding and Biology, Department of Animal Biotechnology and Genetics and my doctoral dissertation.</p>
<p>Long-term:</p>	<p>Obtaining PG cells and DNA, RNA samples for further analysis.</p> <p>Writing an article from the obtained results.</p> <p>Establishing cooperation between Universities.</p>

20.07.2021, Panadolonske
date, Beneficiary signature

Kierownik Projektu EcoSET
Projekt nr PPI/APM/2019/1/00003

prof. dr hab. Marek Bodnarczyk, 20.07.2021
date, Project Manager signature