

## **STSM at the Technical University of Denmark (26<sup>th</sup> April- 17<sup>th</sup> May 2023)**

I recently completed an STSM in the Research Group for Global Capacity Building at the National Food Institute, Technical University of Denmark in Kgs. Lyngby. The STSM was supervised by Dr Jette Sejer Kjeldgaard and Prof. Rene Hendriksen.

The purpose of the STSM was to receive basic training in whole genome sequencing (WGS) using Illumina and to gain bioinformatics support for genome analysis under the guidance of specialists. During my threeweeks of stay I had a great opportunity to familiarize myself with the workflow of WGS using two platforms, namely NextSeq<sup>®</sup> 500 and Oxford Nanopore. An important part of my stay was learning the basic methods for data analysis using bioinformatics software.

The STSM successfully achieved its planned goals and expected outcomes. The activities during the STSM led to an improvement in my understanding of WGS, including gaining hands-on experience in next-generation sequencing techniques and bioinformatic analysis.

The acquired experience and knowledge will be valuable for future research and collaborations. These new skills will be particularly useful in my study on foodborne pathogens for a meat safety assurance system, in line with the guidelines of the European Food Safety Authority.



**Joanna Dabrowska, National Veterinary Research Institute, Poland**