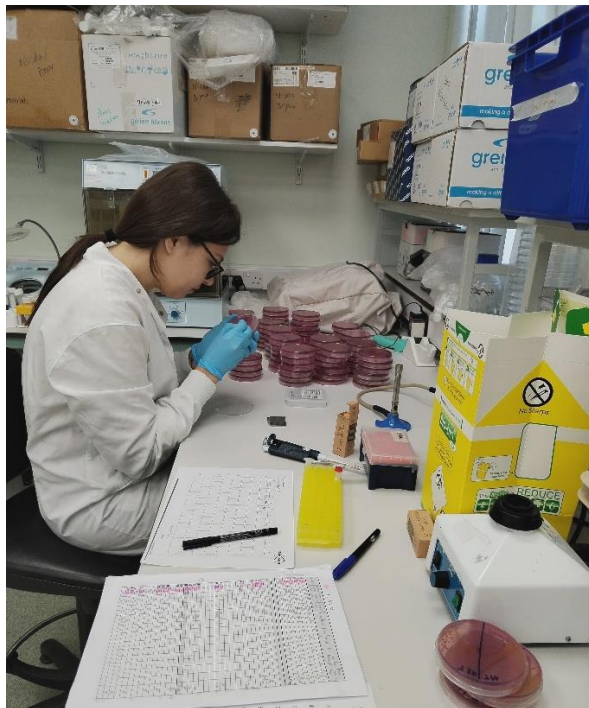


STSM at the University of Liverpool (2nd-16th May, 2023)

The proposed STSM activity was accomplished at the Department of Livestock and One Health, Institute of Infection, Veterinary and Ecological Sciences, University of Liverpool, under the leadership of Prof. Dragan Antic, Dip ECVPH. The main focus of this STSM was to analyse risk-based controls measures of *Yersinia enterocolitica* in pigs to develop and optimise the protocol for chemical decontamination of pig carcasses at the slaughterhouse.

STSM activities have improved my skills in conducting research studies, applying appropriate methodologies, and developing a critical approach to evaluate outcomes related to a specific hazard. In addition, I have improved my skills in conducting epidemiological analyses, prevalence estimation, risk categorization of farms and statistical evaluation of the results. The results of this research will be published in a scientific paper and will significantly contribute to the scientific knowledge of this neglected bacterium. In addition, the evaluated interventions at harvest level regarding meat decontamination will help in the implementation of the planned research project in a Croatian slaughterhouse and eventually lead to the development of more effective control measures to reduce the risk to consumers. Apart from laboratory work, I also participated in teaching activities, which helped me in better understanding certain teaching units of the academic curriculum from the host institution and to gain new ideas for improvements to the current curriculum at our faculty in Zagreb.

As a conclusion, the visit to this Institute in the framework of this STSM mission served as a basis for future collaboration and thus, to contribute to the achievement of the main objectives of this Cost action. Special thanks to my host supervisor Prof. Dragan Antic and to all Department members.



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