

Staff Mobility for Teaching Assignments (STA)  
Erasmus+ Programme  
from Programme Countries to University of Life Sciences in Lublin

Between 13-17 May 2024, I gave lectures on "Medicinal and Aromatic Plants" to undergraduate and graduate students at the University of Life Sciences in Lublin, Faculty of Horticulture and Landscape Architecture, Department of Plant Protection. The content of the lectures covered the following topics:

- Definition of medicinal and aromatic plants,
- Usage from past to present, historical development and importance,
- Areas of use and importance today
- Economic value and production and trade according to countries,
- Common fungal diseases and their symptoms,
- Disease agents and morphological and molecular diagnosis
- Pathogenicity tests,
- Control methods,
- Physiological diseases,
- Effects of climate change on some medicinal and aromatic plants.
- Production of Lamiaceae family medicinal and aromatic plants in Turkey, importance, diseases, symptoms, causal agents, diagnosis (isolation, pathogenicity, morphological diagnostic criteria and control)

I aimed to make the lectures interactive and after each lecture, I asked questions to the students and ensured their participation. In this way, the interest and participation of the students in the lectures was quite high level. I also presented a presentation on "Potato Wart (*Synchytrium endobioticum*) Disease and Control" at the Phytopathological Society workshop, where I gave detailed information on potato wart disease and control methods. My presentation was met with interest by the participants and enriched with fruitful discussions and comments on the situation with this agent in two countries and the implementation of quarantine practices. After the meeting, the participating professors were informed about their work and areas of expertise.

During the mobility, I met the head of the Department of Plant Protection, Assoc. Prof. Ewa Król, and other faculty members. We exchanged information and discussed the scientific aspects of our common topics of work and different specialisations. I received an extremely kind and warm welcome and was introduced to the department and laboratories. Prof. Agnieszka Jamiółkowska explained the details of the ongoing work on the correlation of disease with the measurement of changes in chemical compounds in *Fusarium* spp. inoculated plants and healthy plants in the climate chamber and the scientific contribution of the expected results. I was informed about the studies carried out by Assoc. Prof. Beata ZIMOWSKA on *Cladosporium* sp. and medicinal plants and also about the other research topics in the department. I gave information about the studies I carried out in this process and we discussed possible collaborations in the future.

In the organic farming project I am currently working on, I presented the proposal to Assoc. Prof. Beata ZIMOWSKA to carry out joint studies on the pathogens we identified in a mixed cropping system of camelina (*Camelina sativa*), buckwheat, fenugreek and coriander for two

years and to prepare the results for an international publication. With this collaboration, we aim to effectively communicate this valuable research to the scientific world and to announce the effects of these plant combinations, which are an important component of organic farming, on pathogen control to a wider audience.

Erasmus mobility not only contributed to the professional development of the individual, but also supported the international and modernisation strategies of the host university. This teaching programme provided valuable experiences in both academic and practical areas, enhancing knowledge transfer, promoting learning from shared experiences and enabling the acquisition of new practical skills. The mobility provided a solid foundation for a stronger scientific collaboration between the host and the sending institution. The training process has deepened the cooperation between the two organisations, creating a beneficial and lasting impact for both parties.

We had the opportunity to get to know Assoc. Prof. Beata Zimowska helped me to visit historical and touristic places in Lublin together with scientific studies. We visited Kazimierz Dolny and Zamoyskish W Kozlowce Museum, and the universities in the city. Lublin is an impressive city with both natural beauty and rich cultural heritage. This experience was extremely valuable both professionally and personally. I would like to thank Assoc. Prof. Beata Zimowska for the successful realisation of the programme and for showing me all kinds of interest and her hospitality.

I would like to express my gratitude to the programme managers, the staff and the University of Life Sciences in Lublin for making all this valuable cooperation possible thanks to the Erasmus+ programme (Project No: 2023-1-PL01-KA131-HED- 000119757). I am grateful for the successful implementation of this programme and the support provided to us.







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