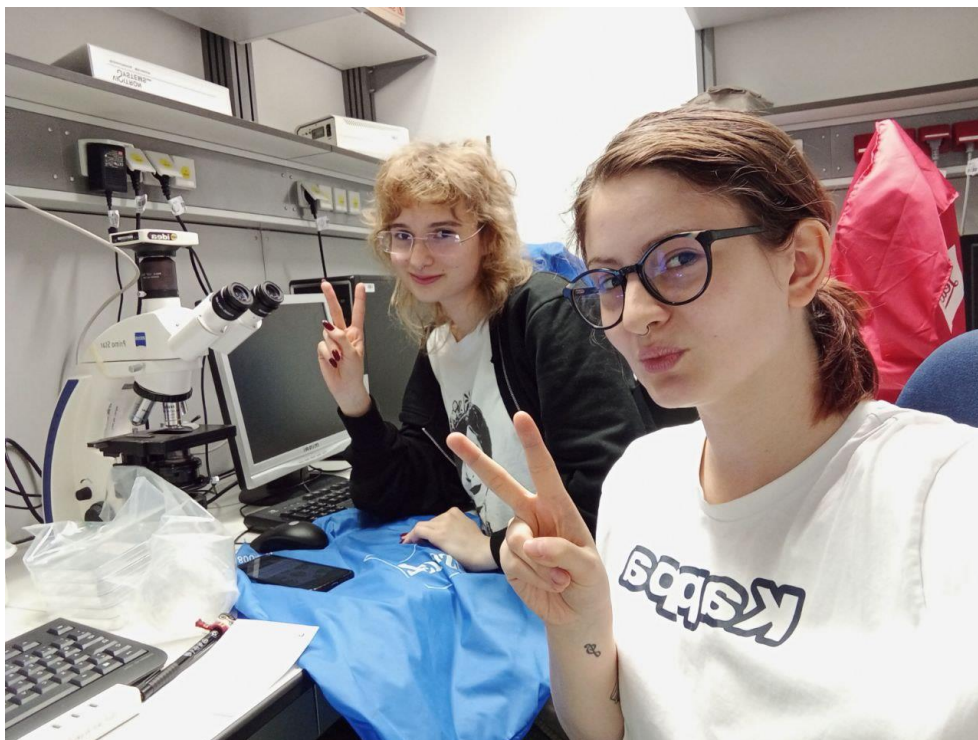


# **Report**

## **about a stay within the DAAD scholarship Eastern Partnership in Leibniz Universität Hannover**

I, Inna Donchenko, was on an internship from 01.07.24 to 31.08.24 in Leibniz University Hannover with my groupmate Kateryna Semenova. The aim of our internship was to conduct research on phytoremediation of soils contaminated with explosives using fern gametophytes.



We were advised on the plan of the experiment by Prof. Dr. Jutta Papenbrock and then we started our work. We were helping her other students with their experiment on the effects of explosives on cultivated plant species too.

We gained practical skills in working with explosives, setting up experiments and studying phytoremediation. Techniques such as LC-MS and ICP-OES have been learned.



We faced many challenges including temporary malfunction of the devices, contamination of experimental samples and some miscommunication with lab stuff. Despite all of the above, we managed to resolve conflicts, prepare the samples for processing.

The gained experience will be the basis for conducting future research and writing a thesis. In addition, the experience of living in another country and communicating with different people is very useful and will definitely come in handy in the future.

**Date** 15.09.24

**Signature**

A handwritten signature in black ink, consisting of stylized, cursive letters.