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Project “Improving skills in laboratory practice for agro-food specialists in eastern Europe» (Ag-Lab)

Program Erasmus +, project KA2
n° 586383-EPP-1-2017-1-SI-EPPKA2-CBHE-JP (2017-2978/001-001)

Trip report (steering committee meeting and training session)

Place: Teramo, Italy, University of Teramo has the pleasure to invite.

Dates: 17–23 October 2021

Olga Marchuk – Junior scientific researcher

Laboratory of microbiological detection of food and feed at State Scientific Research Institute of Laboratory Diagnostics and Veterinary Sanitary Expertise (SSRILDVSE).

According to the order No 47/vd from 07.10.2021 on the direction of a business trip of Marchuk O.- junior scientific researcher Laboratory of microbiological detection of food and feed – from 17th to 23th of October 2021 to participate in training week of EU project Erasmus+ "Improving skills in laboratory practice for agro-food specialists in Eastern Europe" (Ag-Lab) in Teramo, Italy, (University of Teramo).

17.10.2021 departure by plane on the route Kyiv – Rome. **18.10.2021** departure by bus from Rome to Teramo, Italy. **23.10.2021** departure from Teramo to Rome by bus, then flew by plane from Rome to Kyiv. **23.10.2021** returned to Kyiv.

According to the EU project Erasmus + "Improving the skills of laboratory practice of specialists in the agri-food sector of Eastern Europe" (Ag-Lab), in the period from 18 to 22 of October 2021 at the University of Teramo, (Teramo, Italy) practical training was held.

18.10.2021 arrival to the University of Teramo. Acquaintance with participants of the project and representatives of the host party. An introductory tour of the university faculties, discussion of the training program.



19.10.2021 lectures at the University of Teramo. We got acquainted with the peculiarities of oil homogenization, innovations in biotechnology, organoleptic evaluation of food products, listened to lectures and took part in practical classes: "The concept and technique of homogenization and dispersion of emulsions". Lecture "Innovation in reproductive biotechnology as a strategy to increase productivity and conserve biodiversity."

Practical training in the laboratory of reproductive medicine: preparation of the uterus and ovaries of pig. Meeting and acquaintance with the rector of the university. Lecture "Organoleptic evaluation of food products". Practical lesson: "Organoleptic evaluation of chocolate".



20.10.2021 lectures and practical training at the University of Teramo. Introduction to the methods of cultivation of yeast in wine, practical classes in the microbiological laboratory on the cultivation of yeast in wine. Introduction to innovative strategies in animal husbandry to improve the quality and stability of animal products. Visiting the laboratory - getting acquainted with the peculiarities of sequencing. Introduction to electrochemical and optical methods for determining the quality and safety of food



21.10.2021 – visit to the meat processing enterprise engaged in processing and production of semi-finished lamb products. The company is IFS, BRCFOOD, CSQA certified. Got acquainted with the stages from the sampling of the raw materials to obtain the finished product: burgers, arrostituchini, meatballs. Visit to the private farm Farindola for breeding dairy sheep, to get acquainted with the technology of breeding, keeping dairy cattle and cheese production technology. Visiting a private enterprise for the production of olive oil, sauces and canned vegetables. Acquaintance with features of production of canned food.



22.10.2021 - visit to the Institute of Experimental Zooprophyllactic in Teramo. Acquaintance and excursion on laboratories of institute: chemical-toxicological, molecular-genetic, bacteriological. The institute is a reference center for many animals infectious diseases, a collaboration center for the determination of residual amounts of veterinary drugs, heavy metals, pesticides, mycotoxins, antibiotics. As a result of the visit, cooperation was established with the specialists of the Institute.



At the end of the meeting all participants were given certificates of participation in the event.

Conclusion: as a result of participation in the steering committee meeting and training session, all planned actions were carried out.

SIGNATURE OF THE PARTICIPANT:

Date: 29.10.2021

Signature: _____ Olga Marchuk