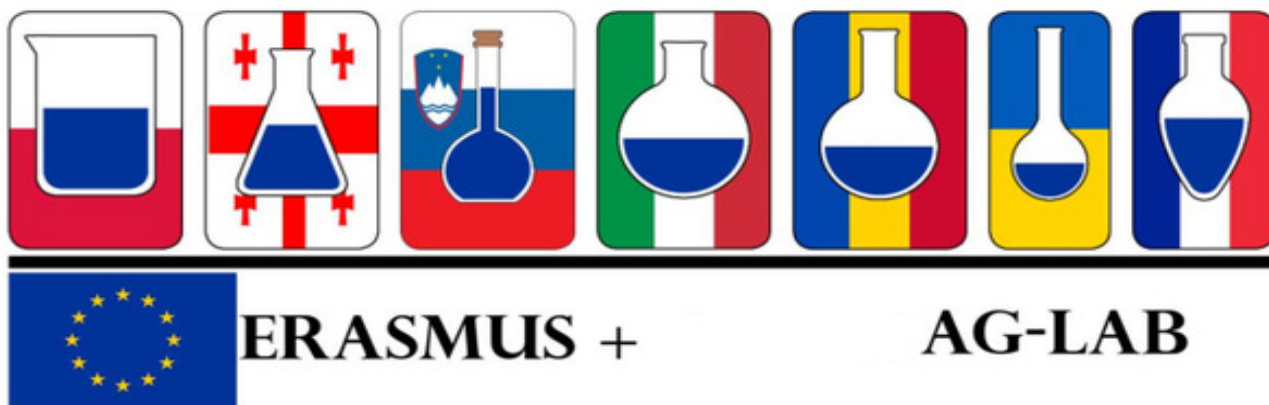


# Ag-Lab project Newsletter #2

January 2019



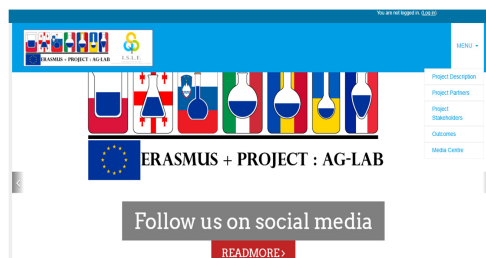
The third Steering Committee meeting of the Ag-Lab project took place in Lviv, Ukraine from 6<sup>th</sup> to 7<sup>th</sup> December 2018

A full report of activities fulfilled during first 6 months of the project was presented by Olga Getya, from Ukrainian partner "Agrosvita"



## Reporting by EU partners

Contribution to the elaboration of the training programme for laboratories, the manual for lab practice, dissemination actions + specific tasks: management, quality analyses, purchase of equipment by **Krzysztof Kafarski, WUELS, Dario Compagnon, UniTE, Valerie Gerard, VetAgroSup Lyon, Marija Klopčič, Uni Ljubljana.**



## A manual devoted to laboratory practice

Ag-Lab will provide its stakeholders with a new approach to teaching specialized courses through a **laboratory practice manual** for specialists of the agro-food sector in the partner country HEIs.



## Reporting by partner countries (MD, GE and UA)

Implementation of the Master programmes, purchase of equipment, dissemination actions, contacts with the laboratories + specific tasks: management, quality analyses: **Elena Scripnic | Larisa Caisin, SAUM, Liuda Fedotova, CSU, Nino Inasaridze, TSU, Tamar Inasaridze, CIU, Sergiy Hryshchenko, NUBiP, Tatiana Yakimova, CRDV, Ana Gulbani LMA, Anna Kievskia, SSRILDVE, Andriy Martymyuk, SCAPSE, Olga Getya, Agroosvita, Oleksandr Bonkovski, BNAU, Vasyl Stefanyk, LNUVMB, Ihor Kovalenko, SNAU, Olga Titlova, ONAFT.**



## Results so far...

After one year, the outcomes of the Ag-Lab project are the following:

- Development and validation of the training courses for master students devoted to the laboratory practice in the field of veterinary medicine, food technologies, agronomy and animal husbandry;
- Launching of the pilot courses for master students at MD, UA and GE universities;
- Purchase of the equipment by some of the universities, other universities are in the process;
- Development of the training programme for the post-diploma courses for acting laboratories staff;
- Implementation of the quality strategy under the coordination of the Wroclaw university of environmental and life sciences;
- Carrying out of the technical work for the Web-portal;
- Different dissemination actions: publications, TV programmes, exhibitions (LabComplex in UA), film in GE.

## The second set of Training Sessions also took place in Lviv from 4<sup>th</sup> to 5<sup>th</sup> December 2018

Identification of falsification of dairy products, **Anna Steciwko-Zielak, WUELS**



NMR methods (Nuclear Magnetic Resonance) for food adulteration, **Marco Chiarini, UniTE**





Maintenance and validation of complex equipment: HPLC (High performance liquid chromatography),



And also Metrology in the laboratory: calibration, verification .... what after? **Robert Gerard, VetAgroSup Lyon**



Internal audit in a laboratory, **Katarzyna Kosek-Paszowska, WUELS**

Partners then had the opportunity to visit the Lviv state regional laboratory of the veterinary medicine



# and the laboratories of the Lviv Research Institute of veterinary drugs and feed additives



## Project Dissemination

The **Ag-Lab project** has already been disseminated through different *seminars and conferences* held at partner universities, *Information days, events* organized by Erasmus+ offices, *TV programs, publications* and through partner university *web sites and social media*. A short *film* dedicated to the Ag-Lab project will be available in April 2019.

Capacity Building in Georgia, Moldova & Ukraine

Ag-Lab aims to improve the quality control of Agro-Food products in the three recently-associated EU member countries by improving upon the training of their specialists. The project deals with the part of the EU Agreement related to food and agricultural products safety which can only be ensured through appropriate laboratory control of EU legislation and standards.

The Project cycle

ERASMUS + PROJECT : AG-LAB

Co-funded by the Erasmus+ Programme of the European Union

Ag-Lab project

Improving skills in laboratory practice for Agro-Food specialists in Eastern Europe

ERASMUS + PROJECT : AG-LAB

**Consortium of 19 partners**

- EU**
  - University of Ljubljana (UL), Slovenia
  - Association for Innovation, Teaching Sustainable Development in Life Sciences (AITSL), France
  - University of Neoma (UNF), Italy
  - Weston University of Environmental and Life Sciences (WUELS), Poland
  - Institute of Higher Education in Veterinary and Agro-Food Sciences (IHEVAFS), France
- Georgia**
  - Georgian International University (GIU), Tbilisi
  - Georgian Technical University (GTU), Tbilisi
  - State Institute of Agronomy of Georgia (SIAG)
- Moldova**
  - State Agrarian University of Moldova (SASM)
  - Central State University (CSU)
  - Public Institution "Republic's Veterinary Diagnostic Center (ICDR)
- Ukraine**
  - State Institution "Science and Technological Centre of Agricultural and Analytical Practices of Higher Educational Institution - Agropolis"
  - State Scientific and Research Institute of Horticulture, Apiculture and Veterinary and Sanitary Epiphyse (ISIRIOVA)
  - State Centre of Agricultural Products Certification and Examination (SCAPCE)
  - Ivry National Agrarian University (INAU)
  - Odesa National Academy of Food Technologies (ONAF)
  - Black Ternova National Agrarian University (BTNAU)
  - National University of Life and Environmental Sciences of Ukraine (NUBIL)
  - Lviv National University of Veterinary Medicine and Biotechnologies (LNUVMB)

**The Ag-Lab Project**

Over the 3 years, the project will create 4 specialized courses dedicated to laboratory practice in agro-food sector: veterinary medicine, agriculture, animal husbandry and food technologies.

4 expected project outcomes:

- Elaborated training courses and detailed laboratory staff
- Didactical supports
- Created tools for cooperative teaching with the participation of universities and acting laboratory staff

**Stakeholders**

UA, MD and GE & EU Universities staff and students, other HEIs, UA, MD, GE Laboratories staff, laboratories potential employees, University administrations, Policy makers at local, regional and national level, National Erasmus+ offices, Representatives of the Delegation of the European Commission

Moldova standards legislation products control Laboratory training Europe's project Improving quality safety

Ag-Lab will provide its stakeholders with a new approach to teaching specialized courses through laboratory practice for specialists of the Agro-Food in selected the partner country HEIs. This will be achieved through the permanent exchange amongst teachers, laboratory specialists and their EU colleagues via the *Ag-Lab Moodle portal*. New information, new rules, legislation, procedures and all the new online courses will be shared in English and in national languages. Students will also have access to the platform to find places for *internships and employment*.

**Contact**

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University of Ljubljana  
Institute for Food Safety and Food Quality  
Ag-Lab Moodle portal:  
<http://2020.ljblab.eu/erasmus-ag-lab>

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