

MINUTES FROM 1ST ANNUAL MEETING – LOVCEN

Date: May 13-15, 2015

Venue: Biotechnical Faculty, University of Montenegro

The meeting was attended by:

Dean of BTF Miomir Jovanovic
Vice Dean of BTF Jelena Latinovic
project leader Igor Pajovic
researcher from BTF Ljiljana Pajovic
researcher from BTF Nedeljko Latinovic
researcher from BTF Steve Quarrie
researcher from BTF Milan Markovic
researcher from BTF Bogoljub Kandic
researcher from BTF Dijana Stijepovic
researcher from UCG, CIS / BTF Luka Filipovic
representative of partner institution CAA Romeo Bellini
representative of partner institution IZSLER Michele Dottori
researcher of partner institution IZSLER Paolo Bonilauri
representative of partner institution USAMVBT Cosmin Salasan
representative of partner institution FoA Dusan Petric
representative of partner institution NIV Tamas Petrovic
representative of partner institution IPH Danijela Vujosevic
researcher from partner institution IPH Nebojsa Sekulic
representative of partner institution NHM Snezana Dragicevic
representative of partner institution IHMS Angel Marcev
representative of Ministry of Science - HERIC project Sasa Ivanovic
representative of Ministry of Health Radule Dragovic
representative of Diagnostic Veterinary Laboratory Nikola Pejovic
representative of Diagnostic Veterinary Laboratory Zorica Pavicevic

Project leader Mr Igor Pajovic, chairperson of the first session of the meeting, welcomed all participants and introduced representatives of the management of Biotechnical faculty as well as representatives from HERIC. He gave the word to representative of Ministry of Science and HERIC Project Sasa Ivanovic.

Mr Sasa Ivanovic, Project Manager for Research in HERIC Project, welcomed scientist from abroad and gave his opinion about achievement of HERIC Project and particularly LOVCEN Project for the first year of project life.

After that the Dean Mr. Miomir Jovanovic welcomed participants and informed all about activities of Faculty and support to LOVCEN Project.

After welcome notes project leader, Mr Igor Pajovic, presented LOVCEN project achievements, progress and results in the first year of the Project by WP-es.

Danijela Vujosevic (IPH), Michele Dottori (IZSLER) and Angel Marcev (IHMS) presented their positive opinions about project results.

Mr Romeo Bellini (CAA) , WP1 leader, chaired second session of the first day, during which Romeo Bellini, Michele Dottori, Paolo Bonilauri (IZSLER), Cosmin Salasan (USAMVBT) and

Dusan Petric (FoA) discussed the role of their institutions in LOVCEN achievements during the first year.

Mr Dusan Petric (WP2 leader and chairman of the PMT) and Mrs Ljiljana Pajovic (BTF) (WP3 leader) chaired the first session of the second day of the meeting in which Danijela Vujosevic, Angel Marcev, Luka Filipovic (UCG CIS / BTF), Romeo Bellini, Steve Quarrie (BTF) and Dusan Petric gave overview of contribution of their institutions to the Project realization.

During second session of second day, and third day of the meeting researchers, members of LMT and MPT teams make discussions and working plan for the second year of the LOVCEN Project.

Agreed WORK PLAN for the SECOND YEAR OF THE PROJECT:

WP4 – Management (tasks attributed to the Project leader):

1. Preparing documents necessary to involvement of new researchers in the Project:

Danijela Stijepovic (BTF) for management WP4;

Bogoljub Kandic (BTF) for research mostly WP1a, as well as

Aleksandra Ignjatovic Cupina (FoA), research WP1a and

Mina Petric (FoA), modelling of climate WP1f;

2. Modifying the Budget and Procurement Plan according to these changes;

3. Creating second year contracts for all involved researchers;

4. Preparing detailed Training Plan for second year and

5. Preparing and distributing minutes from 1st Annual meeting and Summary of results on English language with translation for Ministry of Health of Montenegro.

Direct payments/honorary will be paid personally to the researchers after signing the contract including annexes (Terms of Reference and Scope of Services, Researcher's Reporting Obligations and Cost Estimate of Services, List of Personnel and Schedule of Rates) with BTF.

Payments for trainings will be done on basis of partnership contracts between institutions. Regularly BTF will pay to partner's institutions the amount of money necessary for the training. Otherwise, if possible, the payment will be done directly to researcher.

2nd Annual meeting will be held at BTF during May 2016 with presence of Romeo Bellini, Dusan Petric, Cosmin Salasan, Michele Dottori, Paolo Bonilauri, Tamas Petrovic and Steve Quarrie.

WP1 - Research :

(WP1a) Surveillance of invasive and native mosquito will be focused on as many sites as possible with use old and new traps and collection of the mosquitoes from all over the Montenegro.

- IPH will during the season supply researchers from BTF with "dry ice", needed for NS traps, as well as for modification planned for existing BG - Sentinel traps already provided by FoA.

- Researchers from BTF will place traps using 10x10 kilometers grids map of Montenegro (to be provided by CAA), covering especially squares with high population density, using GPS.

- After field work in laboratory mosquitoes will be identified, and all specimens of *Culex pipiens* will be pooled in 2ml microtubes, placed in procured refrigerator at -80°C until they will be submitted to virus identification.

(WP1b) Mobile phone application for surveillance of invasive and indigenous species (KOMARAC) should be improved in order to attract attention and actively involve citizens in mosquito monitoring.

(WP1c) Detection of pathogens in mosquitoes and humans – after procurement of the equipment IPH will start with analyses of mosquitoes. Part of the samples (pools) of *Culex pipiens* will be sent to IZSLER for quality control, verification and screening for other (than WNV) arboviruses.

(WP1d) Social Impact and Policy Recommendation research will be finished during this year of the Project, and completed before 2nd Annual meeting in May 2016.

(WP1e) SIT and other non-chemical control methods.

SIT: population density of *Ae. albopictus* will be evaluated in 3 urban areas of MNE during the seasonal peak period (August); to correlate ovitrap and human landing collection data in MNE. This will allow us: to estimate the risk of outbreaks in case of introduction of Chikungunya and Dengue viruses throughout viremic travelers; to compare the observed level of correlations between ovitrap and human landing collection data observed in MNE and in Northern Italy and to compare the risk of Chikungunya and Dengue viruses outbreaks estimated in MNE and in Northern Italy. Planned research will be conducted in August with collaboration of BTF, CAA and FoA.

Other non-chemical control methods efficiency evaluation will be continued through experiments on suppression of mosquito juvenile stages in Podgorica. The main goal of the experiments will be to gain evidence on degree of reduction of juvenile stages and duration of mosquito control carried out with Aquatrain AMF in different environments in Podgorica.

As this is part of the Project directly dedicated to our business partner special attention will be given to procurement of the Aquatrain and water soluble film needed for creation of new way for Aquatrain usage.

(WP1f) Climate change impact on MV and MBD, adaptation and mitigation will include continuation of modelling and validation of the model predictions in the field.

WP2 - Twinning through exchange of know-how and experience and dissemination activities:

WP2a - Training visits of MCM's young researchers to international partner institutions

WP2b - Know-how visits of MCM's researchers

WP2c - Hosting foreign institutions representatives (from institutions mentioned in WP2a) for in situ training

1. In situ training to BTF - (WP2c): Ilija Arsenic (FoA), 22-26 June 2015;

2. In situ training to BTF – (WP2c): Romeo Bellini (CAA), August 2015;

During the August Mr Petric (“in kind” contribution) and Mr Bellini will come to Montenegro for field work and on to provide training in the field.

3. Training / Study visit to FoA - (WP2a): Slavica Micev and Angel Marcev (IHMS), August - September 2015;

4. Training / Study visit to FoA - (WP2a): Igor Pajovic and Ljiljana Pajovic (BTF) September – October 2015;

5. Know-how visit to NIV - (WP2a): IPH researcher; October, November, December 2015;

6. Training / Study visit to IZSLER - (WP2a): two IPH researchers; October, November, December 2015;
7. Know-how visits to NIV or FoM - (WP2b): two IPH researchers; October, November, December 2015;
8. In situ training to IPH - (WP2c): Tamas Petrovic (NIV), October, November 2015;
9. In situ training to IPH - (WP2c): Michele Dottori (IZSLER), November 2015;
10. In situ training to IPH - (WP2c): Vesna Milosevic and Ivana Hrnjakovic Cvjetkovic (FoM), December 2015;
11. In situ training to BTF - (WP2c): Marija Zgomba (FoA), February - April 2015;
12. In situ training to IHMS - (WP2c): Branislava Lalic and researcher (FoA), March 2016;

WP2d - Active participation of the applicant's research staff at international conferences
Participation of the applicant's research staff at international conferences will be during the 2nd research year.

WP2e - Introduction of teaching on MV and MBD was successfully started during the first project year? Is the only one task finished during first research year.

WP2f - Improveing and maintaining LOVCEN web site

WP2g - Internal dissemination meetings will be continued during second year.

WP2h - Preparing web pages and brochures will be performed by Mr Petric and Mr Pajovic. Additionally Mr Dottori and Mr Bonilauri will give us short protocols for mosquito borne disease diagnostics to be disseminated between physicians.

WP2i - "Laboratory open days" will be held at NHM; responsible persons being Snezana Dragicevic and Igor Pajovic

WP2j - Public (radio, TV, newspapers) appearances

WP2k - Dissemination and feedback on stakeholders opinions

WP2l - Community participation in mosquito surveillance and control

WP3 - Acquisition of research equipment and Innovation capacity building:

The procurement of rest of the equipment and all materials is in progress (**WP3a**).
Work shop at BTF will be hold by Steve Quarrie during December 2015 (**WP 3b**).

Minutes prepared by:

Igor Pajovic, Project leader of LOVCEN Project