

MediLabSecure (WP4) - Newsletter n°6 - July 2016

Dear network members,

To keep you updated of what's going on within the MediLabSecure project, here is few information.



NEWS FROM MLS.ENTOMO

> **Interactive identification key for mosquitoes.** [Filiz Gunay](#) (Hacettepe University, Turkey) is working on this novel multi-entry identification key, which will be available in the beginning of 2017. This female mosquito key will include 134 species in 65 countries (Euro-Mediterranean and Black Sea Regions) and will be usable online and offline, using the computer software Xper2 .

> **Feedback on the training session in Tunis, TUNISIA / 30 May - 3 June 2016.** The third (and last) medical entomology training took place at the Institut Pasteur of Tunis, Tunisia from 30th May to 3rd June 2016. It was kindly hosted by the lab of Dr. Ali Bouattour. A mix of lectures, field and laboratory activities allowed 19 participants from 6 countries (Morocco, Algeria, Tunisia, Libya, Egypt, Armenia) to strengthen their knowledge on sampling, species identification and surveillance.

>> Have a look [at the pictures](#) / [at the video \(4'05\)](#)

> **Aedes new distribution.** Last year, a VectorNet fieldtrip mission highlighted the presence of *Aedes aegypti* and *Aedes albopictus* in the North East Turkey and Georgia (See the paper [Spread of the Invasive Mosquitoes Aedes aegypti and Aedes albopictus in the Black Sea Region Increases Risk of Chikungunya, Dengue, and Zika Outbreaks in Europe](#)). This year, another VectorNet fieldtrip mission conducted by Vincent Robert and Lusine Paronyan to inventory mosquitoes in Armenia just ended. No *Stegomyia* was found in Armenia, except few adult females *Aedes albopictus* at the border point Georgia-Armenia (road Tbilissi-Yerevan).

> **Site visit in Algeria (April 2016).** Vincent Robert, together with Kathleen Victoir and Lobna Gaayeb, conducted an expertise visit at the Institut Pasteur of Algeria (IPA) in April 2016, to provide recommendations on the building and organization of the future insectarium at IPA. The development of this new insectarium fulfilling the level of security I-2 in the Sidi Fredj campus appears to be a valuable project that will open new vector competence research areas.

MEDILABSECURE IN SHORT

> **Regional meeting in Belgrade, SERBIA / 15-17 December 2016.** The first Regional Meeting of the MediLabSecure project will take place in Belgrade on the 15-17th of November 2016. It mainly focuses on Crimean-Congo Haemorrhagic Fever (CCHF) virus and Vector control activities. MediLabSecure members from 11 countries (Balkans, Moldova, Ukraine, South Caucasus, Turkey) are invited. A second Regional Meeting for Middle East and North Africa countries will be organized in 2017.

> **Publication.** The article entitled "[Strengthening integrated surveillance for arboviruses in the Mediterranean and Black Sea regions in the framework of the One Health approach](#)" has been published. It describes how the MediLabSecure project contributes to the strengthening of One Health surveillance in the Mediterranean Basin and Black Sea Regions.

VECTORS WORLD

> **Free online course in medical entomology.** Several MOOC (Massive Open Online Courses) explore topics such as vector-borne diseases, biology of vectors and vector control methods. These online courses are free, accessible online courses with unlimited participation.

Our selection: [MOOC Preventing the Zika Virus: Understanding and Controlling the Aedes Mosquito](#) by the

London School of Hygiene & Tropical Medicine. Started the 4th of July 2016. All the resources are available now.

More general, the [MOOC Global Health](#) by University of Geneva. Start the 1st of August 2016.

Also, a MOOC on Medical Entomology by Institut Pasteur and IRD will start in January 2017.

> [E-SOVE 2016, Lisbon, PORTUGAL / 3-7 October 2016](#). The [E-Sove conference](#) share knowledge on thematic concerning the ecology and control of arthropods of medical and veterinary importance. MediLabSecure (WP4) will be there to present our networking activities.

ENJOY READING

> [Is Dengue Vector Control Deficient in Effectiveness or Evidence?: Systematic Review and Meta-analysis](#) - Bowman and al. Plos (2016)

> [Special Collection on the Asian Tiger Mosquito, *Aedes albopictus*](#). Journal of Medical Entomology (2016)

> [Rift Valley Fever: An Emerging Mosquito-Borne Disease](#) - Linthicum and al., Annual Review of Entomology (2016)

> [Epidemiological situation of Rift Valley Fever in Western and Northern Africa](#) (in French). Bull. epidemio. sante animale-alimentation (2016)

If you have any suggestions or information you want to share, please let us know and send an email to the discussion list mls.entomo-all@listes.ird.fr.