

MediLabSecure (WP4) - Newsletter n°8 - January 2017

Dear network members,

First of all we wish you a happy New Year 2017, full of discoveries and new experiences ! To keep you updated of what's going on within the MediLabSecure project, here is few information.



NEWS FROM MLS.ENTOMO

> **Mosquito identification with images.** This is our mosquito gift for 2017 ;) . From now on, you will receive every two month some pictures of an unknown mosquito for identification. You will have a couple of days to send your response. The results of all labs will be analyzed and reported to you the following month, as well as a mosquito fact-sheet focusing on the characteristics of this species, its geographical distribution, the species not to be confused with... An e-mail with the instructions is going to be sent to you very soon.

> **Mosquito External Quality Assessment (EOA).** External Quality Assessment adapted for mosquito identification has been designed for the 20 medical entomology laboratories of the MediLabSecure network in the continuity of the previous on-site training sessions. We prepared for each lab a mosquito specimen box including 7 or 8 adult mosquito species and 4 larvae mosquito species to be identified at genus and species levels. The medical entomology labs involved in the first regional meeting in Belgrade (11 countries from the Balkans and Black Sea countries) have already performed this test. A second EOA round will be launched after the second regional meeting (date to be confirmed).

> **Interactive identification key for mosquitoes.** As you know a new tool to help you in identifying mosquitoes will be soon available. Filiz Gunay is in charge of developing this multi-entry identification key for the Mediterranean and Black Sea regions and she work hard on it. For now, adult key is almost finished and the alpha version is now under internal verifications.

> **Paper review on arboviroses.** The paper "*Surveillance of arthropod-borne viruses and their vectors in the Mediterranean and Black Sea region within the MediLabSecure network*" has been accepted for publication in *Current Tropical Medicine Reports*. Thanks to everybody for your contribution!

MEDILABSECURE IN SHORT

> **Feedback on the [Regional meeting in Belgrade, SERBIA / 15-17 November 2016](#).** Watch this [3-minutes video](#) to get an impression on the meeting!

VECTORS WORLD

> **MOOC Medical entomology.** Institut Pasteur launches a new MOOC (open and free online courses) in medical entomology starting on the 6th February 2017. This MOOC is co-directed by Anna-Bella Failloux and Vincent Robert. Do not forget to [register](#)! Watch the [teaser](#).

> **Harmonization of Zika Research / WHO.** The goal of the WHO Zika Virus Research Agenda is to support the generation of evidence needed to strengthen essential public health guidance and actions to prevent and limit the impact of Zika virus and its complications. [Download the research agenda](#)

ENJOY READING

> Heitmann et al - [Experimental transmission of Zika virus by mosquitoes from central Europe](#). *Eurosurveillance*, 22 (2), 12 January 2017.

- > Yaghoobi-Ershadi et al – [Morphological studies on adult mosquitoes \(Diptera: Culicidae\) and first report of the potential Zika virus vector *Aedes \(Stegomyia\) unilineatus* \(Theobald, 1906\) in Iran](#). Bull. Soc. Path. Ex., 2016. To be noted that *Aedes unilineatus* and *Aedes albopictus* are morphologically close species.
- > Samy AM, Elaagip AH, Kenawy MA, Ayres CFJ, Peterson AT, Soliman DE (2016) [Climate Change Influences on the Global Potential Distribution of the Mosquito *Culex quinquefasciatus*, Vector of West Nile Virus and Lymphatic Filariasis](#). PLoS ONE 11(10)
- > [Ticks of Domestic Animals in the Mediterranean Region. A Guide to Identification of Species](#) - A. Estrada-Peña, A. Bouattour, J.-L. Camicas & A.R. Walker - 2004

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