

# MedilabSecure (WP3) – Newsletter n°21 – March 2020

Dear network members,

The Covid19 pandemic impacts most of our activities. However, to keep you updated of what's going on within the MediLabSecure project (medical entomology), here is some information.



## NEWS FROM MLS.ENTOMO

> [Feedback on the workshop "Entomology for non-entomologists" / Dakar / 23 January 2020.](#)

This basic training has gathered 13 participants - virologists, veterinarians, epidemiologists - from North Africa and Sahel countries, as well as from the MediLabSecure consortium team. At the end of this day, the trainees were in a position more favourable to discuss on equal terms with crazy entomologists. Resources (booklet with key messages, pictorial key) are available [on the MediLabSecure website](#).

> [Upcoming training "Vector control" / 14-25 September 2020.](#) A joint training "Field assessment of quality in control measures against *Aedes* invasive mosquitoes" co-organized with MediLabSecure, AIM-COST and AIEA project is planning on 14-25 September 2020 in Valencia (Spain). Pr. Dusan Petrić, is the key person for this ambitious training as he is involved in the three projects. The Covid19 outbreak clearly weakens this project. More information soon.

> [MosKeyTool / New version V2.2.](#) A new version of MosKeyTool - interactive identification key for mosquitoes of Euro-Mediterranean - is available. This version V2.2 is already accessible with this link: <https://cutt.ly/XtQYDUV>, and it will be soon available on the MediLabSecure website. By regard to Version 1, Version 2 includes the European part of Russia, updates on the distribution of each mosquito species in the complete area, and corrects some bugs and imprecision. By regard to Version 2.1, the Version 2.2 corrects some bugs and imprecisions and updates the area of distribution, especially for invasive species. Thank you Filiz Gunay !

> [MosKeyTool / French version.](#) Francophones will be happy to discover very soon MosKeyTool in a French version (V2.2). A big thank you to Jean-Baptiste Ferré, French entomologist working at EID Med (Entente Interdépartementale pour la Démoustication du littoral Méditerranéen), that translated the tool on a voluntary basis.

> [MosKeyTool-Sahel.](#) Its young brother MosKeyTool-Sahel, interactive identification key for mosquitoes of Sahel, is also running smoothly thanks to El Hadji N'Diaye (Post Doc in the Entomology lab, Institut Pasteur Dakar). A commented checklist for mosquito species in the Sahel is being prepared for publication, jointly with all the Sahel entomology labs.

> [PhlebKeyTool.](#) Its cousin PhlebKeyTool, interactive identification key for Phlebotomine sand flies of Euro-Mediterranean, is at an advanced stage thanks to the Turkish lab team. The idea is to complete as soon as possible the part on Phlebotomus genus. Pictures need to be collected and added before testing a first draft version.

> [Pictorial key for mosquito genus identification.](#) In the mood for offering easy tool during the non-entomologist trainings, we designed a [simplified key for mosquito identification](#). This pictorial key aims to identify the 7 Genera of Mosquitoes in Europe, North Africa and Middle-East. As we are convinced this tool can be also useful within your lab, we plan to print and disseminate it. Each head of entomology lab will receive a poster for its morphological lab.

## MEDILABSECURE IN SHORT

> [Regional meeting in Senegal / 20-24 January, 2020](#). The first MediLabSecure2 Regional Meeting was held in Dakar (Senegal) on January 20-24, 2020 to promote the project and its outcomes in this new targeted region. It was mainly focused on Rift Valley Fever. Presentations given during this meeting are available on the [MediLabSecure website](#). Co-organized with the Institut Pasteur in Dakar, this meeting brought together more than 70 participants including 40 representatives from all sectors (human and animal virology, medical entomology, public health and veterinary services, modelling and early warning tool) in 8 countries (Algeria, Burkina Faso, Mali, Mauritania, Morocco, Niger, Senegal and Tunisia).

## VECTOR WORLD

> [AIM-COST Short Term Scientific Missions \(STSM\)](#). If you are working on Aedes Invasive Mosquito, and if your country and organisation are taking part in [AIM-COST](#), the project can support you. A call for application is open until the 1st of April 2020: <https://www.aedescost.eu/ShortTermScientificMissions>

> [WHO Online One Health Course](#). WHO offers an online course geared to professionals from human, animal or environmental health sectors involved in the implementation of the International Health Regulations (2005). [More information](#)

## ENJOY READING

> [First Detection of \*Aedes \(Stegomyia\) albopictus\* \(Diptera: Culicidae\) in Algiers, the Capital City of Algeria](#), Benallal et al., 2019

> [Mapping the environmental suitability of etiological agent and tick vectors of Crimean-Congo hemorrhagic fever](#), Okely et al., 2020

> [Re-introduction of vivax malaria in a temperate area \(Moscow region, Russia\): a geographic investigation](#), Mironova et al., 2020

> [Comparing vector and human surveillance strategies to detect arbovirus transmission: A simulation study for Zika virus detection in Puerto Rico](#), Madewell et al., 2019

> [Global health - People, animals, plants, the environment : towards an integrated approach to health](#), Dossier Agropolis, 2020

> [Integrated approaches to health. A handbook for the evaluation of One Health](#), 2018. Full text available online.

All the previous entomo newsletters are available on the [MediLabSecure website](#).