

MediLabSecure (WP3) – Newsletter n°32 – May 2022



NEWS FROM MLS.ENTOMO

Dear network members,

This is a short newsletter.

First important point of this Newsletter: the updated MosKeyTool Version 2.4 is now available in English: https://bioinfo-web.mpl.ird.fr/identiciels/zip/moskeytools_V2.4_english.zip

and in French: https://bioinfo-web.mpl.ird.fr/identiciels/zip/moskeytools_V2.4_french.zip

This updated version corrects some bugs of the previous version.

It is recalled that MosKeyTool is devoted to the identification of females and larvae of mosquito species distributed in the Euro-Mediterranean area.

Second, we look forward to receiving the results of our exercise on mosquito genera/species identification from our colleagues from Sahel area. Please send them to me as far as possible **before 10 May 2022**. My council: this exercise is time consuming; do not postpone your personal investment in its achievement.

Also for the attention of colleagues from the Euro-Med area, please note that the report on the Webinar on 23-24 of March 2022 is now achieved and will be very soon posted on the MLS website.

ENJOY READING

A festival of our colleagues from IP Alger:

Ayhan, N.; Hachid, A.; Thirion, L.; Benallal, K.E.; Pezzi, L.; Khardine, F.A.; Benbetka, C.; Benbetka, S.; Harrat, Z.; Charrel, R. Detection and Isolation of Sindbis Virus from Field Collected Mosquitoes in Timimoun, Algeria. *Viruses* 2022, 14, 894. <https://doi.org/10.3390/v14050894>

Messahel NE, Benallal KE, Halada P, Lafri I, Manseur H, Hakem A, Houali K, Harrat Z, Volf P, Dvorak V- Identification of blood source preferences and *Leishmania* infection in sand flies (Diptera: Psychodidae) in north-eastern Algeria. *Veterinary Parasitology: Regional Studies and Reports* 2022, 31, 100729 <https://doi.org/10.1016/j.vprsr.2022.100729>

A nice paper on WNV in Africa with our colleagues from IP Dakar:

Mencattelli G, Ndione MHD, Rosà R, Marini G, Diagne CT, Diagne MM, et al. (2022) Epidemiology of West Nile virus in Africa: An underestimated threat. *PLoS Negl Trop Dis* 16(1): e0010075. <https://doi.org/10.1371/journal.pntd.0010075>

And a recent and interesting review paper on malaria vectors in Europe:

Bertola M, Mazzucato M, Pombi M, Montarsi F. [Updated occurrence and bionomics of potential malaria vectors in Europe: a systematic review \(2000-2021\)](#). *Parasit Vectors*. 2022;15(1):88. doi: 10.1186/s13071-022-05204-y.

If needed, we may help to get the full pdf of these articles.

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

Best regards,

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