

25 – 31 July 2021

Malaria research

icipe researchers have discovered that the microbe that blocks transmission of malaria from mosquitoes to people can be transmitted sexually between mosquitoes, in addition to being passed from mother mosquitoes to their offspring. This breakthrough will allow the efficient spread of the microbe, *Microsporidia MB*, through mosquito populations, thus limiting their ability to infect people with the parasite that causes malaria. (Read the paper [here](#).)

<https://www.kbc.co.ke/icipe-researchers-make-new-discovery-in-fight-against-malaria/>

The Centre has also found new evidence on a deadly weed that favours mosquitoes. *Parthenium hysterophorus*, a highly destructive plant, has an adverse impact on people's health, agriculture, livestock and the environment. (Read the paper [here](#).)

<https://www.standardmedia.co.ke/health/health-science/article/2001419207/deadly-weed-feeds-extends-the-lifespan-of-mosquitoes>

A paper published by icipe researchers titled 'Root exudate chemical cues of an invasive plant modulate oviposition behavior and survivorship of a malaria mosquito vector' has been included in the *MalariaWorld* newsletter, which is shared in the global professional malaria community. (Read the paper [here](#).)

<https://us1.campaign-archive.com/?e=acc4e2388e&u=25699e7682e960f35a1871b0f&id=d2c6db2caa>

BioInnovate Africa Programme

BioInnovate has been cited as one of the organizations working to promote bioeconomy and sustainable development in their parts of the world. The initiative supports scientists and innovators to link biological-based research ideas and inventions to the market.

<https://www.dtnext.in/News/World/2021/07/29235957/1309274/Earth-Overshoot-Day-advanced-by-a-month.vpf>

<https://bpositivenow.com/earth-overload-day-arrives-early-07-29-2021-environment/>

<https://www.nzuchitimes.co/earth-overshoot-day-moves-forward-by-nearly-a-month/>

Portuguese

<https://www.jornalgrandebahia.com.br/2021/07/dia-da-sobrecarga-da-terra-chega-mais-cedo/>

Social media

MFogde Retweeted

 **Michaela Lundell**
@Mich_Sci

Harmful invasive plant prolongs life of mosquitoes and can escalate malaria incidence in East Africa. New interesting and important study by @icipe with core support from @Sida. Always innovative @icipe has also ideas for ecologically based solutions! icipe.org/news/devastati...

12:58 PM · Jul 27, 2021 · Twitter Web App

KBC English Service
@kbcenglish

Researchers at the International Centre of Insect Physiology and Ecology @icipe in Nairobi, have made a new discovery that will boost efforts in the fight against Malaria
kbc.co.ke/icipe-research...

#ThisisKBC

^CG



6:00 PM · Jul 28, 2021 · Twitter Web App

Toby Bruce Retweeted

Xavier Chiriboga Morales, PhD
@Xavi_ChiribogaM

Third contribution of my PostDoc at @icipe is out! A paper in @Ento_EA about Potential roles of selected grasses in the management of #Fallarmyworm through companion cropping by @CheruDuncan et al #Agroecology #Maize #Smallholding #Farmers #Kenya #Africa

Potential roles of selected forage grasses in management... We tested promising forage grasses (Poaceae) to determine their functions as trap crop 'pull' components i...
onlinelibrary.wiley.com

1:17 AM · Jul 7, 2021 · Twitter Web App

Njoki E. Maina Retweeted

Gavamukulya Yahaya, Ph.D.
@gavayahya

Congratulations Dr @Nattohg and colleagues @pauisti, @icipe and others. Horizontal Transmission of the Symbiont Microsporidia MB in Anopheles arabiensis

Horizontal Transmission of the Symbiont Microsporidia M... The recently discovered Anopheles symbiont, Microsporidia MB, has a strong malaria transmission-...
frontiersin.org

10:24 AM · Jul 29, 2021 from Wakiso, Uganda · Twitter for Android

International Center for Biosaline Agriculture Retweeted

WorldVegetableCenter
@go_vegetables

READ: Briefs informing the #UNFSS2021 Pre-Summit

mailchi.mp/3e45eead609b/a...

Vegetable & fruit diversity
Indigenous plant knowledge
Data/farming innovations
More fruits and vegetables in diets

@AIRCAalliance @IFDCNews @CABI_News
@ICBAgriculture @INBARofficial @icimod @icipe

7:12 AM · Jul 26, 2021 · Twitter Web App

Agape Innovations Limited. Tel: 0200910171
@Agapeinnovation

#Agape Innovations Limited #Keele University #Leeds University #ICiPE

mugisha paul @mugishaapaul · Jul 27

Push-pull app is not just any normal app

- *It can work 100% offline
- *It gives you an option of either reading or listening to the information
- *It has links to videos about push-pull, a map about authentic seed sellers and contact information
- *Coming soon

7:56 AM · Jul 28, 2021 · Twitter for Android

Symbio_Vector @Symbio_Vector · Jul 28

Excited to share our findings about the malaria blocking microbe, Microsporidia MB! Spoiler alert - it's also sexually transmitted, which could be used to infect mosquitoes and potentially block malaria transmission in the field! #malaria #mosquitoes

doi.org/10.3389/fmicb....

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2:04 PM · Jul 30, 2021 · Twitter Web App

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