

9 – 15 August 2021

Malaria research

The recently discovered microbe that blocks transmission of malaria from mosquitoes to people can be transmitted sexually between mosquitoes, *icipe* researchers have found. The microbe, *Microsporidia MB*, which is also passed from mother mosquitoes to their offspring, could be the key to controlling the disease.

- <https://www.news-medical.net/news/20210810/Microbe-transmitted-between-mosquitoes-could-be-key-to-controlling-malaria.aspx>
- <https://news.knowledia.com/ZA/en/articles/microbe-discovery-could-halt-malaria-transmission-4587459c05bc46f714e56ffb6c8742064eb8cb02>
- <https://www.healtheuropa.eu/malaria-transmission-potentially-eradicated-with-discovery-of-new-microbe/110389/>
- <https://kosofepost.com/2021/08/13/microbe-discovery-could-halt-malaria-transmission/>

Push-pull technology

icipe and partners from Keele Univeristy and University of Leeds have developed a new mobile phone app to help farmers defeat crop pests. The app is designed to protect the plants against devastating pests such as Fall armyworm and *Striga* weed.

- <https://www.leeds.ac.uk/news-environment/news/article/4892/an-app-to-help-african-farmers-defeat-crop-pests>
- <https://www.keele.ac.uk/lifesci/news/2021/august/mobile-app/africa-crop-pests.php>

Top cited papers

The following papers authored by *icipe* scientists are among the top 10% most cited *PLOS One* papers published in 2018:

- *Diirro G., Seymour G., Kassie M., Muricho G. and Muriithi B.W.* (2018). Women's empowerment in agriculture and agricultural productivity: Evidence from rural maize farmer households in western Kenya. *PLoS ONE* 13(5), e0197995. <https://doi.org/10.1371/journal.pone.0197995>
- *Chia Y.S., Tanga C.M., Khamis F.M., Mohamed S.A., Salifu D., Sevgan S., Fiaboe K.K.M., Niassy S., Van Loon J.A., Dicke M. and Ekesi S.* (2018). Threshold temperatures and thermal requirements of black soldier fly *Hermetia illucens*: Implications for mass production. *PLoS ONE* 13(11), e0206097. <https://doi.org/10.1371/journal.pone.0206097>

Social media



Women Who Rule! Retweeted

Mawazo Learning Exchange
@MawazoExchange

Meet the Mawazo Learning Exchange Fellows: Ruth Kihika is a PhD student at Kenyatta University, International Centre of Insect Physiology and Ecology (icipe) taking Chemistry.
mawazolearningexchange.org/ruth-kihika/
#WomenInResearch #Chemistry #WomenInScience



"Identifying environmentally friendly strategies for controlling plant parasites"

RUTH KHIKA, KENYA
KENYATTA UNIVERSITY, INTERNATIONAL CENTRE OF INSECT PHYSIOLOGY AND ECOLOGY (ICIPE) CHEMISTRY

10:25 AM · Aug 14, 2021 · Twitter Web App



Steve of Leeds Retweeted

University of Leeds
@UniversityLeeds

Leeds researchers have partnered with @Agapeinnovation, @icipe and @KeeleUniversity to develop a free app to help African farmers defeat crop pests.

The new Push-Pull app provides tips on pest control that avoids harmful, expensive chemical pesticides.

leeds.ac.uk/news-environme...



Global Challenges Research Fund (GCRF) and 8 others

5:13 PM · Aug 11, 2021 · Twitter Web App

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AGrDI Retweeted

BecA-ILRI Hub
@BecAHub

Deadline for the call for applications is fast approaching. All BecA-ILRI Hub #ABCF alumni are eligible for financial support to participate in the #bioscience innovation bootcamp!
@Bioinnovate @InciBusiness @VillgroAfrica @icipe
bioinnovate-africa.org/bioscience-inn...



Bioscience Innovation Bootcamp



CALL FOR APPLICATIONS!

Deadline: 16th August 2021
2359Hrs EAT

<https://bioinnovate-africa.org/bioscience-innovation-bootcamp-2021-call-for-applications/>



11:30 AM · Aug 11, 2021 · Hootsuite Inc.

The MENTOR Initiative
@MENTOR_Hq

"This is of major significance - **#Microsporidia MB** could be deployed as a **#tool** to **#control #malaria** - to be viable, **#researchers** will have to find a way to spread it into **#mosquito** populations" @JeremyHerren @icipe @BrianBTarimo @ifakarahealth @SciDevNet



Microbe discovery 'could halt malaria transmission' - Sub-Saharan Africa
Malaria parasite-blocking germ could be released into mosquito populations to control malaria, a study says.
scidev.net

4:00 PM · Aug 11, 2021 · Hootsuite Inc.

@irentiya Post Retweeted

Sudan Jobs
@esudanjobs

#منحة #دكتوراة طابطة في كينيا لحملة **#الماجستير في اي من المجالات دي: #الرياضيات، #الإحصاء، #الفيزياء، #علوم الكمبيوتر** او اي مجال مشابه لهذه التخصصات وسيكون التدريب بالمركز الدولي لفسيولوجيا وعلم البيئة (icipe) نيروبي، كينيا ممولة بالكامل رابط التقديم: full-scholarships.com/?p=2249

Translate Tweet

Full Scholarships



INTERNATIONAL CENTRE OF
INSECT PHYSIOLOGY AND ECOLOGY
African Insect Science for Food and Health

12:19 PM · Aug 9, 2021 · Twitter Web App

Agrarian Opportunities
@AgrarianOpp

Scholarship & Research!

icipe is seeking applications from eligible candidates for a PhD scholarship funded by BMGF to research on developing an integrated model for the spread of Plasmodium transmission.

Find details here> lnkd.in/g6kbtGP6

Deadline> 12 August 2021

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