

7 – 13 September 2020

Bioscience Innovation Bootcamp



The call for applications for the 'Bioscience Innovation Bootcamp 2020 for Entrepreneurial Scientists in Eastern Africa' is open. This bootcamp aims to empower scientists to develop innovative and commercially viable biological-based ideas. It is open to citizens and/or nationals of the seven BioInnovate Africa participating countries – Burundi, Ethiopia, Kenya, Rwanda, Tanzania, Uganda and South Sudan.

- <https://mopportunities.com/call-for-applications-bioscience-innovation-bootcamp-2020-for-entrepreneurial-scientists-in-eastern-africa/>
- <https://www.opportunitiesforafricans.com/call-for-applications-bioscience-innovation-bootcamp-2020/>

Virtual Pan-African science journalists' conference

icipe's Dr Sevgan Subramanian was one of the speakers at a pre-conference organized by the Media for Environment, Science, Health and Agriculture (MESH). The virtual meeting, held on September 10 – 11, brought together almost 200 journalists from 30 African countries to discuss conservation, climate change, agriculture and health. The main conference will be held in November.

<https://panafricanvisions.com/2020/09/virtual-pan-african-science-journalists-event-to-be-held-this-week/>

Potato cyst nematodes

Scientists at icipe are assessing non-host plants for the production of chemicals that induce 'suicide hatching' of potato cyst nematodes. 'Suicidal hatching' of potato cyst nematode juveniles occurs in the absence of host crops thus leading to their eventual death.

<http://www.farmingportal.co.za/index.php/agri-index/68-crops/5002-how-we-re-getting-to-the-root-of-a-global-pest-threatening-potatoes-in-east-africa>

Fall armyworm

icipe is engaged in trainings on augmentative biocontrol of Fall armyworm using two natural enemies – parasitoid wasps in the genera *Telenomus* and *Trichogramma*. The wasps have shown up to 70 per cent parasitism of fall armyworm eggs.

<https://www.newaginternational.com/index.php/en/news/news-from-the-market/2402-study-reveals-natural-enemies-of-fall-armyworm-in-both-asia-and-africa>

The Centre has also developed two pesticides developed from natural sources for controlling the destructive maize pest.

<https://www.alphagalileo.org/en-gb/Item-Display/ItemId/197132?returnurl=https://www.alphagalileo.org/en-gb/Item-Display/ItemId/197132>

Social media

Tebby Otieno
@otieno_tebby

#meshascience #LPR2020 @MeshaScience @WWF_Kenya

Mesha Science @MeshaScience · Sep 10

MESHA pre-conference day one Afternoon session : The place of biopesticides in pest control in Africa by Dr Sevgan Subramanian, icipe. #meshascience @WWF_Kenya @Mesha Science @aatf africa Kenya @WFSJ @ifaj #LPR2020 @icipe @MoniqueWasunna @lucnE @icipe

1:57 PM · Sep 10, 2020 · Twitter Web App

EANBIT Retweeted


andrew espirado
@AEspirado

A warm applaud to @H3ABioNet @EANBIT_Project @H3Africa @icipe computing and genomics will definitely change the Africa eco_system in disease and vectors eradication. Great work @H3Africa

11:50 PM · Sep 11, 2020 · Twitter for Android

UK Research and Innovation
@UKRI_News

Research by @Rothamsted and Kenya's @icipe discovered that intercropping with a fodder plant, Desmodium, suppresses Striga infestations. Further work in collaboration with @UniOfSheffield showed this action was down to chemicals released from Desmodium's roots



12:26 PM · Sep 11, 2020 · Twitter Web App

Nyambura Mwangi
@Grace04680921

RT @Grace04680921: Grab the opportunity!! Start your application today!!! : Basic nematology crash course (BCCN). Only for Kenyan residents



With the support of THE BELGIAN DEVELOPMENT COOPERATION .be vlir-uos

BASIC CRASH COURSE in NEMATOLOGY

Venue: International Centre of Insect Physiology and Ecology, Duduville Campus, Nairobi, Kenya

14 – 18 DECEMBER 2020

- Tuition fee: €500
- Travel and accommodation costs: to be met by participants.
- 10 Kariuki – VLIR-UOS scholarships: to be awarded competitively to cover transport to and from Kenya, and full board accommodation.
- Deadline for online applications: 15 August 2020

For more information visit: www.imanema.ugent.be; nematology.gent@ugent.be

Nematodes or roundworms cause significant damage and yield loss to a variety of crops, often together with other pathogens.

However, nematodes are often overlooked or misdiagnosed, resulting in the unnecessary use of unhealthy agrochemicals.

This one-week course provides basic training in methods to quantify, qualify and process plant-parasitic nematodes in crops, with an introduction to beneficial nematodes, indicators of soil health, and nematodes for biocontrol of plant insects. It is undertaken in a 'hands-on' fashion, permitting participants to experience field conditions and conduct basic research in crop nematology.

12:18 PM · Sep 14, 2020 · Twitter for iPhone