



Department of Biochemistry and Sports Science
College of Natural Sciences

BIOCHEMISTRY SEMINAR SERIES

Domesticating the Edible Grasshopper, *Ensenene*

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The edible long-horn grasshopper, *Ruspolia differens*, is one of the most valuable edible insect species in East Africa. Current use is based on wild-harvesting, while research and development of mass rearing technologies is on-going. For the success of such technologies, there is a need for affordable and reliable feeds that guarantee appropriate nutritional value of the insects to humans. Dr. Rutaro will discuss the influence of diet on the fatty acid composition of the edible long-horn grasshoppers, with emphasis on essential fatty acids.

Dr. Rutaro holds a PhD in Biology from the University of Eastern Finland, Joensuu, Finland; MSc. Biochemistry, Makerere University; BSc. Mbarara University, and postgraduate training from Centres for Zoonosis Control, Hokkaido University, Japan, and WHO/TDR program for Animal Health and production (KARI-TRC/ BecA- ILRI). His research is focused mainly on the biochemistry of edible insects with the aim of improving the food value chain geared towards human food security.

Thursday 25th March 2021, 12:00 – 1:00pm
Zoom Meeting ID: 999 1083 5842 Passcode: 104642