

TReND course on Genome editing

In collaboration with ICIPE, Nairobi and COS, Heidelberg

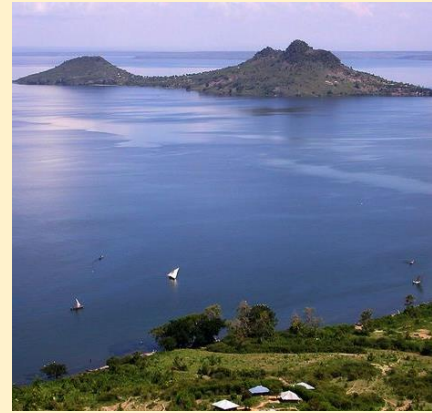


Mbita, Kenya
May 29th – June 11th 2017

Deadline: March 20th 2017

Apply now:

www.Trend-genome-editing-course.com



Faculty

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The **CRISPR/Cas9** system has in the last years revolutionized genetic studies in many organisms and opened up new avenues for gene therapy and pest control. The main power of this genome editing tool lies in its simplicity, cost efficiency and easy implementation. Despite its high impact and importance for e.g. mosquito pest control, this system has not yet set foot on the African continent.

In this **2-week workshop** we will introduce up to **20 students** to genome engineering approaches and their application in **two vertebrate fish** models and in **fruit flies** and **mosquitos**. Participants will learn the design of genome editing experiments, preparation of reagents and how to evaluate and monitor the success of their experiments. We will also discuss ethical considerations of gene editing and recently developed approaches for pest control. After the course, participants will be equipped with the required knowledge and molecular biology tools to set up their own genome editing experiments related to their research question. **All African scientists, as well as scientists of any nationality based at a German research institution are eligible to apply.**

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