



## **INTRODUCTORY PHYLOGENETIC WORKSHOP ORGANISED BY CEBIB IN COLLABORATION WITH IBEA LTD**

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Thu, 09/22/2016 - 10:14 | pabraham

**Date and time:** Mon, 10/24/2016 - 04:00

**Location / Venue:**

CEBIB Bioinformatics Lab

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October 24 @ 8:00 am - October 27 @ 4:00 pm 35,000KSH 35,000



The Centre for Biotechnology and Bioinformatics (CEBIB) in collaboration with industry partner, [Inqaba Biotec-East Africa Limited \(IBEA Ltd\)](#) [8], has organized a 4-day workshop on Introduction to Phylogenetics. The course scheduled between 24<sup>th</sup> - 27<sup>th</sup> October, 2016 will be hosted at CEBIB Bioinformatics Laboratory based at the College of Biological and Physical Sciences - Chiromo Campus, University of Nairobi.

**Target Trainees:** The course targets postgraduate students, research scientist, medical/health practitioners and any other individuals interested in exploiting phylogenetics analysis. The training will be offered through lecture presentations and practical exercises.

**Course contents:** Patterns in molecular datasets, Text editors and files, Chromatograms and base calling using Chromas Lite, Consensus sequences using BioEdit, Data mining, BLAST searches, Multiple sequence alignment and algorithms, MSA using MAFFT online version, Distance analysis,



calculating a distance matrix, Distance analysis using MEGA, Bootstrapping and the basics of Maximum Parsimony, Maximum parsimony and maximum likelihood using MEGA (participants are encouraged to bring own datasets to work through everything in MEGA. If you haven't got a dataset the facilitators will discuss how to go about constructing one), distance analysis using PHYLIP, jModelTest, Using the dentist's dataset in PHYLIP & Primer design.

**Course Duration:** 4 days

**Course Fees:** KShs. 35,000 per person. Trainees are expected to make own arrangements for accommodation and transport to and from the venue.

**Expiry Date:** Mon, 09/30/2019 - 10:08

**Contact Person:**

[cebib@uonbi.ac.ke](mailto:cebib@uonbi.ac.ke) [9]

**Pictures of the Event (DO NOT USE):**  [Phylogenetic Workshop\\_24-27-Oct, 2016.png](#) [10]

**Source URL:** <http://cebib.uonbi.ac.ke/content/introductory-phylogenetic-workshop-organised-cebib-collaboration-ibea-ltd>

**Links:**

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- [8] <http://www.inqababiotec.co.za/event/introductory-phylogenetic-workshop-2/>
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