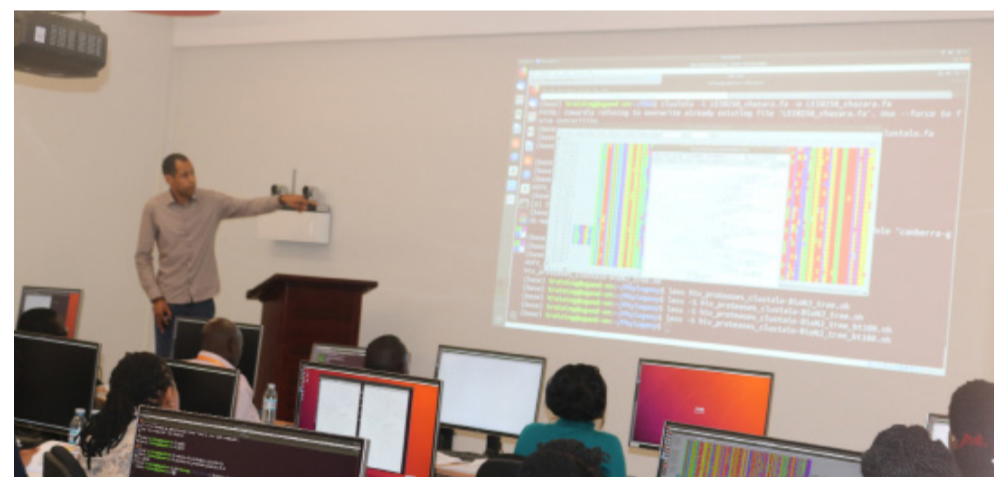**wellcome connecting science**

H3ABioNet

ngs bioinformatics course – africa 2022

22 March–20 June 2022

Learn how to analyse Next Generation Sequencing data using the latest bioinformatics tools and resources

- Blended learning format, delivered virtually
- Connect and network with genomic scientists and bioinformaticians from across Africa

Course delivery

- Twice weekly contact sessions with expert bioinformatics trainers, delivered across 12 weeks
- Discussion through highly interactive online forums

Apply for a place!

https://bit.ly/NGS-Africa-Apply

Scan me to apply!

Course content

Join fellow scientists working in, or soon to commence research involving next generation sequencing analysis, to gain an understanding of the fundamental aspects of these innovative technologies.

Strengthen your bioinformatics skills to empower your data analysis and enhance your research career prospects. Gain the confidence you need to succeed by working through these topics:

- An Intro to Unix/Linux & running workflows
- Introduction to NGS Technologies
- NGS data pre-processing and QC
- Alignment to reference sequences
- Variant calling and annotation
- ChIP-Seq
- RNA-Seq
- Genome assembly

#NGSAfrica
@eventsWCS