

**wellcome  
connecting  
science**



**H3ABioNet**

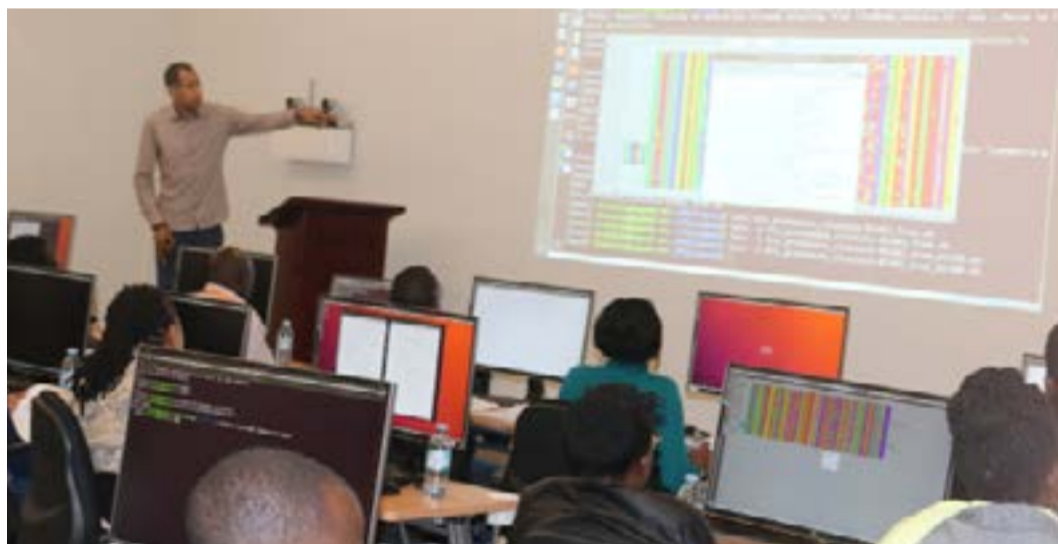
Pan African Bioinformatics Network for H3Africa

# Call for participants Genome Sequencing Bioinformatics 2023 (Africa)

Course dates: 15 August - 10 October 2023

Develop the fundamental bioinformatics skills needed to analyse genetic sequence data, using the latest tools and approaches. Led by regional experts in the field.

- Blended learning format, delivered through locally coordinated classrooms referred to as “distributed classrooms”
- Connect with fellow genomic scientists and bioinformaticians, from across Africa, to network and exchange knowledge.



## Course delivery

- 10 weeks | 2 sessions per week | 8 hours of learning per week
- Led by regional experts in bioinformatics
- Discussion through highly interactive classrooms and online forums.

**Apply for your FREE place!**

**Application deadline: 29 June 2023**

**Find out more about your nearest classroom on our website:**

<https://bit.ly/GSBAfrica23-Apply>

**Follow us on social: @eventsWCS | @H3ABioNet | #GSBAfrica**



## What will you learn?

Discover how to apply the latest next generation sequencing tools and approaches to your own research.

From post-sequencing analysis, quality control, alignment to assembly and variant calling, you will develop the skills and confidence required to perform large-scale data analyses.

Course topics include:

- An introduction to Unix/Linux and running workflows;
- An introduction to next generation sequencing (NGS) technologies;
- NGS data pre-processing and quality control (QC)
- Alignment to reference sequences;
- Variant calling and annotation.