Public Health Alliance for Genomic Epidemiology

5th Floor Life Sciences Building, South African National Bioinformatics Institute,
University of the Western Cape, Robert Sobukwe Rd, Bellville, Cape Town, 7530, South Africa

Abstract Guidelines

Abstract Applications

We welcome abstract submissions for *poster presentations* (to be presented as posters during poster sessions) and *talks* (to be presented as PowerPoint presentations during sessions) based on the tracks below:

1. **Effective Decision-Making with AI & ML**
   - Harnessing artificial intelligence and machine learning for data-driven public health strategies.

2. **Priority Pathogens and Diseases**
   - Addressing critical diseases such as malaria, sepsis, meningitis, cholera and any other priority pathogens.
   - Track will also include abstracts focusing on: exploring bioinformatics pipelines, ethical and legal considerations (ELSI), data repositories, infrastructure needs, and data standards.

3. **One Health and Surveillance**
   - Innovative surveillance strategies for detecting and mitigating public health threats.

4. **Funding and Cost Management**
   - Exploring sustainable funding models, investment opportunities, and scaling solutions.

5. **Data Sharing: Challenges and Opportunities**
   - Enhancing inter-agency, local, national, and global collaboration through best practices in data sharing.

6. **Workforce Development**
   - Strengthening the public health workforce through training and capacity-building initiatives.

7. **Policy-Making for Advancing Public Health Genomics**
   - Developing policies that drive local and global implementation of genomic epidemiology.

We highly recommend (i) abstracts for *posters* to have a focus on any stage of a research project within public health genomics or routine work within a public health laboratory; and (ii) abstracts for *talks* to have a focus on results and/or analysis of a research project within public health genomics or routine work within a public health laboratory. All abstracts must be in English. The use of nomenclature must be at a minimum. Acronyms and abbreviations must be spelled out in full at first use. Please do not include or reference any additional files, citations, links or graphics in the abstract.

One overarching aim or idea must be carried throughout the abstract. The abstract must have a continuous sentence flow indicative of an introduction, idea description or discussion and conclusion.

A title must be provided that does not exceed 20 words. The body of the abstract must be 400 words maximum.

Abstracts will be selected on a competitive basis. One person is allowed to submit one abstract.

Abstracts submissions

All abstracts must be submitted via the [submission form](#) on or before midnight (0000hrs UTC) on **30 April 2025.**

We are exploring the possibility of securing sponsorships for low- and middle-income countries' delegates who are either students or personnel from public health labs to attend the conference. If you fall within this category and wish to be considered for sponsorships, please submit your abstract by **15 April 2025**, on or before midnight (0000hrs UTC). Please note, while we have this option, the funds for sponsorships have not been secured yet. If the funds are available, they will be limited and offered on a competitive basis

Unless the deadline is extended for abstract applications, successful individuals will be emailed about the **outcome** of their application on or before midnight (0000hrs UTC) on **31 May 2025.** Guidelines on making posters and presentations are available on the conference website and are only applicable to successful candidates.

For any other enquiries relating to the scope of the conference tracks, abstracts applications or abstract submissions, please email help@pha4ge.org