



GHS2024 Conference Workshops

Day One - Tuesday 18 2024, 4:00pm-6:00pm – Room C4.10

Centre for Pathogen Genomics, University of Melbourne - The importance of capacity building for pathogen genomics: accessibility, delivery, monitoring and evaluation

This workshop will include a series of presentations, interactive discussions and activities, covering:

- An introduction to pathogen genomics, a snapshot of the global capacity and progress made to date in implementing the technology for public health response and preparedness.
- Discussion and idea generation of mechanisms and approaches for more accessible sequencing, bioinformatics and genomic epidemiology capacity.
- Monitoring and evaluation approaches to planning, implementing, and assessing capacity building activities to ensure meaningful impact to country capability.
- Global priorities in pathogen genomics capacity building in the context of WHO Global Genomics Surveillance Strategy

Participants will develop an understanding of:

- A snapshot of the current global pathogen genomics capacity
- Current opportunities and challenges in establishing accessible pathogen genomics capacity with a focus on bioinformatics and genomic epi.
- Monitoring and evaluation approaches to assess the implementation and impact of capacity building efforts.

Objectives:

- To emphasise the importance of capacity building through use cases and in-country experiences with a focus on LMICs
- To share exemplars of monitoring and evaluation approaches being applied in pathogen genomics globally
- To discuss mechanisms for improved accessibility and delivery of pathogen genomics capacity building activities that champion sustainability and longevity of capacity.

Target Audience:

Conference delegates from all disciplines including government representatives, technical



**Global Health
Security 2024**
INTERNATIONAL CONVENTION CENTRE
SYDNEY 18 - 21 JUNE 2024

experts in public health microbiology and surveillance and academia who may have a role in the implementation of pathogen genomics in country. This encompasses the end-to-end implementation including governance (legal and policy), funding, workforce, infrastructure, referral pathways, multi-sectoral engagement.