

Workshop 1: Introduction to Molecular Diagnostics - Annual Diagnostics and Surveillance Workshop, La Trobe University, Melbourne, 29th August 2022

Time	Topic	Speakers
9:30 AM - 10:00 AM	Morning Tea	
10:00 AM - 10:30 AM	Start -Welcome and Introductions	Dr Brendan Rodoni
10:30 AM - 11:15 AM	Talk 1 Sampling, extraction, protocols	Dr Cliff Kinoti and Quang Dinh
11:15 AM - 11:45 AM	Talk2 PCR rigor, validation, controls, primers, real-life samples and solutions	Dr David Lovelock
11:45 AM - 12:00 Noon	General discussions, questions	All
12:00 Noon - 1:00 PM	LUNCH	
1:00 PM - 1:45 PM	Tours to molecular, entomology labs and collection	Dr Mark Blacket and Dr Isabel
2:00 PM - 2:30 PM	Talk 3 Entomology diagnostics, LAMP	Dr Mark Blacket and Dr Isabel
2:30 PM - 3:00 PM	Talks 4 Sangers sequencing, high-throughput sequencing- Illumina and Nanopore	Dr Natasha Brohier and Dr Pragya Kant
3:00 PM - 3:30 PM	Afternoon Tea	
3:30 PM - 3:45 PM	Importance of right taxonomy	Dr Fiona Constable
3:45 PM - 4:00 PM	Biosecurity reporting requirements	TBA Steve Dibley
4:00 PM - 4:15 PM	Questions and wrap up	

Workshop 7: Metabarcoding - Annual Diagnostics and Surveillance Workshop, La Trobe University, Melbourne, 2nd September 2022

Time	Topic	Speakers
9:30 AM - 10:15 AM	General introduction to metabarcoding	Dr Mark Blacket (Welcome) and Dr Alex Piper
10:15AM - 10:30 AM	iMapPESTs insects case study	Dr Reannon Smith
10:30 AM - 11:15 AM	Morning Tea	
11:15 AM -11:30 AM	Fungi case study	Dr Conrad Trollip
11:30 AM - 11:45 AM	Nanopore case study	Dr Tongda Li
11:45 AM - 12:00 PM	General Discussion and wrap up	All
12:00 PM - 1:00 PM	LUNCH	