

Tentative Workshop Schedule

June 25th, 2019		
08:00-08:30	Registration	
08:30-09:00	Welcome and Opening ceremony	
09:00-10:00	Plenary lecture by invited speaker from Thailand	
10:00-10:15	Tea break and networking	
10:15-11:15	Plenary lecture by Prof Roger Hellens, Deputy Executive Director, Institute for Future Environments, Queensland University of Technology	
11:15-12:00	Lecture: Recent advance in high throughput sequencing for metagenome analysis by several selected company representatives	
12:00-13:00	Lunch and networking	
13:00-14:00	Lecture: An overview of metagenome and metatranscriptome analysis and their applications in agriculture by Asst. Prof. Dr. Aaron Darling/Asst. Prof. Thomas Jeffries/ Asst. Prof. Alexie Papanicolaou, WSU	
14:00-14:15	Tea break and networking	
14:15-17:15	Research presentation by selected speakers	
June 26th, 2019		
	For Biologists	For Bioinformaticians
09:00-10:00	16s rRNA amplicon sequences analysis	Shotgun metagenome analysis
10:00-10:15	Tea break and networking	
10:15-12:15	16s rRNA amplicon sequences analysis	Shotgun metagenome analysis
12:15-13:00	Lunch and networking	
13:00-14:00	16s rRNA amplicon sequences analysis	Shotgun metagenome analysis
14:00-14:15	Tea break and networking	
14:15-17:15	Eukaryotic genome assembly and annotation	Shotgun metagenome analysis
June 27th, 2019		
	For Biologists	For Bioinformaticians

09:00-10:00	Analysis of bacterial diversity and how to interpret the result	Metatranscriptome data analysis
10:00-10:15	Tea break and networking	
10:15-12:15	Analysis of bacterial diversity and how to interpret the result	Metatranscriptome data analysis
12:15-13:00	Lunch and networking	
13:00-14:00	Sample preparation for metagenome analysis	Eukaryote-prokaryote interaction analysis
14:00-14:15	Tea break and networking	
14:15-17:15	How to effectively use magnetic bead	Eukaryote-prokaryote interaction analysis
June 28th, 2019		
09:00-10:00	Lecture: Metagenome and plant-microbe interaction project design by Assoc. Prof. Dr. Aeron Darling, UTS/ Asst. Prof. Thomas Jeffries/ Asst. Prof. Alexie Papanicolaou, WSU	
10:00-10:15	Tea break and networking	
10:15-12:15	Group activity: Design experiment of your group assigned project	
12:15-13:00	Lunch and networking	
13:00-14:00	Group activity: Design analysis of your group assigned project	
14:00-14:15	Tea break and networking	
14:15-16:15	Discussion: Participants' project design discussion	
16:15-17:00	Closing ceremony	