



## Genomics & Epidemiological Surveillance of Bacterial Pathogens - Asunción, Paraguay 16 - 21 April 2023

Laboratorio Central de  
Salud Pública

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday		
8:00 - 9:00		Intro to VM & Linux (recap) -Tomás Poklepovich, Sol Haim	Comparative Genomics - Matt Holden	Genome Assembly & Annotation - Matt Holden, Mat Beale, Matt Dorman	Web Tools for Genomic Epidemiology - Julio Diaz, Silvia Argimón	Group Task	8:00 - 9:00	
9:00 - 10:00			Mapping + Phylogeny				9:00 - 10:00	
10:00 - 11:00		Break	Break	Break	Break	Break	10:00 - 11:00	
11:00 - 12:00		Registration	Intro: What Does a Genome Look Like - Caterina Guzman	Mat Beale, Marcela Suárez, Sol Haim, Tomás Poklepovich		Matt Dorman, Josefina Campos, Sol Haim, Tomás Poklepovich	11:00 - 12:00	
	Welcome Isabela Malta, Natalie Weiler	Genomic Surveillance in Public Health: Josefina Campos	AMR in the environment & its relationship with human health: <i>E. coli</i> with multiple resistance in Mburicao stream & hospitals in Asunción: Mario Martínez	Phylogeography & transmission of <i>M. tuberculosis</i> spanning prisons & surrounding communities in Paraguay: Guillermo Sequera	Molecular epidemiology of <i>N. meningitidis</i> in Paraguay: Anibal Kawabata			
12:00 - 13:00	Instructos Introductions						12:00 - 13:00	
	Participants Introductions (part 1)	Lunch	Lunch	Lunch	Lunch	Lunch		
13:00 - 14:00	Lunch							
14:00 - 15:00	Participants Introductions (part 2)	Sequencing & QC - Josefina Campos, Tomás Poklepovich, Sol Haim	Mapping + Phylogeny	Genome Assembly & Annotation - Matt Holden, Mat Beale, Matt Dorman	Web Tools for Genomic Epidemiology - Julio Diaz, Silvia Argimón	Group Task: Presentations	14:00 - 15:00	
15:00 - 16:00	ALT - Dusanka Nikolic						Break	Break
16:00 - 17:00		Intro to NGS, Sequencing Technologies & QC - Caterina Guzman, Josefina Campos	Genome Visualization Tools - Matt Dorman, Tomás Poklepovich, Sol Haim, Caterina Guzman	Mat Beale, Marcela Suárez, Sol Haim, Tomás Poklepovich	World Café - Josefina Campos, Matt Dorman, Caterina Guzmán	ALT	Wrap-up	16:00 - 17:00
17:00 - 18:00	Welcome Drinks			ALT			Group Task - Matt Dorman, Josefina Campos, Sol Haim, Tomás Poklepovich	
18:00 - 19:00								18:00 - 19:00
19:00 - 21:00		Welcome Dinner						