

Pontificia Universidad Católica de Chile Facultad de Ciencias Biológicas



## Next Generation Sequencing Bioinformatics LAC, Santiago, Chile 23-27 January 2023

	Next Generation	n Sequencing Bioinfo	ormatics, Pontificia U	niversidad Catolica de	Chile, Santiago, Chil	e 22 -27 January 2023	3
Chile (hr)	Sunday 22/1/2023	Monday 23/1/2023	Tuesday 24/1/2023	Wednesday 25/1/2023	Thursday 26/1/2023	Friday 27/1/2023	Saturday 28/1/2023
08:30	,	MOVE TO THE UNIVERSITY	MOVE TO THE UNIVERSITY			MOVE TO THE UNIVERSITY	
09:00		Introduction to Sequencing Technologies	NGS File Formats QC DR. DANIELA ROBLES 1hr:45min	Variant Calling DR. DANIELA ROBLES 1hr:45min	ChIP-Seq DR. ALEJANDRA MEDINA 1hr:45min	Assembly DR. ERIC T DAWSON 1hr:45min	
09:30		DR. MARCELA SJOBERG 1hr:15min					
10:00		Nanopore Sequencing DR. ERIC T DAWSON					
10:30		TEA/COFFEE BREAK	TEA/COFFEE BREAK	TEA/COFFEE BREAK	TEA/COFFEE BREAK	TEA/COFFEE BREAK  GROUP PICTURE	
11:00		Introduction to VM DR. MARTIN GARCIA	1hr:15min	1hr:30min	1hr:30min	1hr:30min	
11:30		Introduction to Unix DR. DANIELA ROBLES					
12:00		1h:30min	Seminar Eric 20min				
12:30	REGISTRATION		Seminar Alejandra 20min Sala Abate Molina	Public Repositories DR. MARCELA SJOBERG	Seminar Ximena/Patricia Sala Abate Molina	Seminar Martin/Ana Sala Abate Molina	1
13:00	BUFFET LUNCH HOTEL	BREAK LUNCH UNIVERSITY	BREAK LUNCH UNIVERSITY	BREAK LUNCH UNIVERSITY	BREAK LUNCH UNIVERSITY	BREAK LUNCH UNIVERSITY	
13:30	Restaurant Urbano						
14:00	INTRODUCTION WCSC	Seminar Yesid Cuesta Astroz	Read alignment DR. XIMENA IBARRA	SV Calling DR. ERIC T DAWSON	RNA-Seq DR. XIMENA IBARRA	SESSION 2 ALTP	
14:30	Instructors Participant Talks	KEYNOTE SPEAKER Room B201	2hr	2hr	2hr	Group Tasks Finalization All instructors	
15:00	Hotel Antártica Room	Advanced Unix DR. ALEJANDRA MEDINA				1hr:30min	
15:30		1hr					
16:00		TEA/COFFEE BREAK	TEA/COFFEE BREAK	TEA/COFFEE BREAK	TEA/COFFEE BREAK	TEA/COFFEE BREAK	
16:30	TEA/COFFEE BREAK	1hr:30min	1hr:30min	1hr	1hr	Group Tasks Presentations 1hr:30min	
17:00	SESSION 1 Advanced					Sala Abate Molina 3p x 8g x 10min each	
17:30	Learning & Training Programe (ALTP)			Group Task Preparation	Group Task Preparation		
18:00	Antártica Room	Group Task Preparation	Group Task Preparation				
18:30	WELCOME DRINKS Speed networking						
19:00	Antártica Room						
19:30	DINNER HOTEL	DINNER HOTEL	DINNER HOTEL	DINNER HOTEL	DINNER HOTEL	DINNER HOTEL	
20:00	Restaurant Urbano	Restaurant Urbano	Restaurant Urbano	Restaurant Urbano	Restaurant Urbano	Restaurant Urbano	
20:30							



Biológicas

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## **Group Projects presentations**

		Project	Participants	Participants	Participants	Participants
1	16:30pm	RNA-Seq	Alejandra Pando	Lina Villegas	Alfredo Trujillo	
2	16:40pm	SV Detection	Rene Wong	Maite Kolarik		
3	16:50pm	Variant Calling	Lissette Ulloa	Ana Hdez	Ricardo Nilo P	Mariela Guerra
4	17:00pm	SV Detection	Lizeth Salazar	Andrea Zambrano	Diego Cuicapuza Arteaga	
5	17:10pm	Variant Calling	Valeria Arencibia	Lucia Alvarado	Valentina Colistro	Pamela Sanchez
6	17:20pm	RNA-Seq	Román González	Gabriela Breyer	Gabriela Gutiérrez	Candice Sant
7	17:30pm	ChiP-Seq	Ignacio Mayansky	Federico Ceriotti	Nicolás González	Evelyn Olszanowski