

NGS Analysis for Monogenic Diseases - 12 - 13 December 2022 - Rabat, Morocco

	Thursday 1 December	Monday 12 December	Tuesday 13 December		
7:00	Pre-Course	Transport - Hotel to CC	Participants check out of hotel Transport Hotel to CC	7:00	
7:30		REGISTRATION <i>at conference centre</i>	Recap/Day review	7:30	
8:00		Welcome and Introductions -		8:00	
8:15		Reference variation datasets <i>Aleena Mushtaq</i> <i>Segun Fatumo</i>	Interpretation of genetic variants <i>Maria Mudau</i> <i>Christian Gilissen / Mohamed Zahir</i>	8:15	
8:30					8:30
8:45					8:45
9:00			Case study exercises <i>Maria Mudau</i> <i>Christian Gilissen</i>	9:00	
9:30	WELCOME & INTROS - VIRTUAL SESSION	NGS Technologies <i>Maria Mudau, Bana Alamad</i> <i>Mohamed Zahir</i>		9:30	
10:00	Human genetics basics <i>Segun Fatumo</i>			10:00	
	<i>Valentina Ngo Bitongui</i>				
10:30		TEA & COFFEE	TEA & COFFEE	10:30	
11:00		Variant analysis & workflow QC <i>Christian Gilissen</i> <i>Kevin Kum Esoh</i> <i>Catherine Tcheandjieu</i>	Case study exercises, presentations <i>Maria Mudau</i> <i>Christian Gilissen</i>	11:00	
	BREAK				
11:30	Genomes, genes and genome browsers <i>Aleena Mushtaq</i> <i>Segun Fatumo</i>				11:30
12:00		Mapping, variant calling, CNVs <i>Kevin Kum Esoh</i> <i>Christian Gilissen</i>		12:00	
12:30			International networks <i>Victoria Nembaware</i>	12:30	
	WRAP-UP VIRTUAL SESSION				
13:00				13:00	
	Participants and Training team - Arrive at hotel on 11th of December and check in	LUNCH	LUNCH		
13:30				13:30	
14:00			Variant Annotation <i>Samuel Adadey</i> <i>Aleena Mushtaq</i>	Limitations of genome analysis methods <i>Sam Adadey, Bana Alamad</i>	14:00
14:30					14:30
15:00			Variant filtering strategies & prioritisation <i>Christian Gilissen</i> <i>Kevin Kum Esoh</i>	Ethical considerations <i>Syntia Munung</i> <i>Bana Alamad</i>	15:00
15:30					15:30
16:00			TEA & COFFEE	Wrap-up and Close of workshop	16:00
16:30		Clinical significance, validity/utility <i>Maria Mudau</i> <i>Mohamed Zahir</i>	TEA & COFFEE END OF COURSE	16:30	
17:00			AfSHG YOUNG INVESTIGATORS FORUM	17:00	
		Functional characterisation - model systems <i>Mohamed Zahir</i> <i>Samuel Adadey</i>			
17:30					17:30
18:00		END OF DAY 1		18:00	
18:30				18:30	
		Transport to hotel			