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

	Thursday 1 December	Monday 12 December	Tuesday 13 December	
6:30		Breakfast	Breakfast	
7:00	**Pre-Course**	Transport - Hotel to CC	Participants check out of hotel Transport Hotel to CC	7:00
7:30		REGISTRATION *at conference centre*	Recap/Day review	7:30
8:00		Welcome and Introductions -		8:00
8:15		Reference variation datasets *Aleena Mushtaq* *Segun Fatumo*	Interpretation of genetic variants *Maria Mudau* *Christian Gilissen / Mohamed Zahir*	8:15
8:30				8:30
8:45				8:45
9:00			Case study exercises *Maria Mudau* *Christian Gilissen*	9:00
9:30	WELCOME & INTROS - VIRTUAL SESSION	NGS Technologies *Maria Mudau, Bana Alamad* *Mohamed Zahir*		9:30
10:00	Human genetics basics *Segun Fatumo* *Valentina Ngo Bitoungui*			10:00
10:30		TEA & COFFEE	TEA & COFFEE	10:30
11:00		Variant analysis & workflow QC *Christian Gilissen*	Case study exercises, presentations *Maria Mudau* *Christian Gilissen*	11:00
11:30	BREAK			11:30
	Genomes, genes and genome browsers *Aleena Mushtaq* *Segun Fatumo*			
12:00		Mapping, variant calling, identification de novo & inherited,CNVs *Christian Gilissen*		12:00
12:30	WRAP-UP VIRTUAL SESSION		International networks *Victoria Nembaware*	12:30
13:00		LUNCH	LUNCH	13:00
13:30				13:30
14:00	Participants and Training team - Arrive at hotel on **11th of December** and check in after 2pm	Variant Annotation *Samuel Adadey* *Aleena Mushtaq*	Limitations of genome analysis methods *Sam Adadey, Bana Alamad*	14:00
14:30				14:30
15:00		Variant filtering strategies & prioritisation *Christian Gilissen* *Samuel Adadey*	**Ethical considerations** *Syntia Munung* *Bana Alamad*	15:00
15:30				15:30
16:00		**TEA & COFFEE**	Wrap-up and Close of workshop	16:00
16:30		Clinical significance, validity/utility *Maria Mudau* *Mohamed Zahir*	TEA & COFFEE END OF COURSE	16:30
17:00			*AfSHG YOUNG INVESTIGATORS FORUM*	17:00
		Functional characterisation - model systems *Mohamed Zahir* *Samuel Adadey*		
17:30				17:30
18:00		END OF DAY 1		18:00
18:30				18:30
		Transport to hotel		