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

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