

Monday, 19 April WG Report Back Session 1 Host & Chair: Michelle Skelton			
Time	Working Group	Presenter	Duration
1:30 PM CAT	Ethics & CE WG	Erisa Sabakai	8 min 2 min Q&A
1:40 PM CAT	Rare Diseases WG	Aime Lumaka	8 min 2 min Q&A
1:50PM CAT	CVD	Sally Adebamawo	8 min 2 min Q&A
2:00PM CAT	Phenotype Harmonization WG	Katherine Johnston	8 min 2 min Q&A
2:10PM CAT	ECTWG	Paballo Chauke	8 min 2 min Q&A
2:20PM CAT	Publications	Michele Ramsay	8 min 2 min Q&A
2:30PM CAT	Outreach & Comm	Michelle Skelton/Paballo Chauke	8 min 2 min Q&A
2:40PM CAT	Biorepository	Elizabeth Mayne	8 min 2 min Q&A
2:50 PM CAT	30 Min Break		
WG Report Back Session 2 Host & Chair: Allie Osgood			
3:20 PM CAT	Genome Analysis	Neil Hanchard & Ananyo Choudhary	8 min 2 min Q&A
3:30 PM CAT	Study Coordinators	TBA	8 min 2 min Q&A
3:40 PM CAT	HIV/AIDS	Nicki Tiffin	8 min 2 min Q&A
4:00 PM CAT	Microbiome	Ovokeraye Hilda Oduaran	8 min 2 min Q&A
4:10 PM CAT	Sustainability	Dwomoa Adu / Alash'le Abimiku	8 min 2 min Q&A
4:20 PM CAT	Mental Health	Monica Uddin	8 min 2 min Q&A
4:30 PM CAT	DBAC	Nicky Mulder	8 min 2 min Q&A
	30 min Break		
5:00 PM CAT	Data Curation & Introduction (H3ABioNet & PI's)	DNA Day Social Media Event	
6:00 PM CAT	PI Meeting	IEC Meeting	Funder Meeting

Opening Tuesday 20 April Session 1 Chair: Ruth Chadwick Host: Michelle Skelton			
Christian Happi: Welcome			
Eric Green (NHGRI): <i>A 2020 Strategic Vision for Improving Human Health at The Forefront of Genomics.</i>			
H3ABioNet PI Mulder: Nicola Mulder: Bioinformatics development & support despite the pandemic & Isewon Itunuoluwa			
PI Morris:			
Catherine Scheppers: What's new in antibody genetics			
Simone Richardson: Translating antibody genetic diversity into function			
PI Adebamowo: Clement Adebamowo: Molecular subtyping of breast cancer in SSA women			
10 min Break			
Session 2: Sustainability Session: What Next? Chair: Ambroise Wonkam & Nicky Mulder Host: Michelle Skelton			
African Perspective/3MAG			
AfSHG: Ambroise Wonkam			
AAS: Thomas Kariuki			
H3Africa: Christian Happi			
15 min Break			

Session 3:
Sustainability Session Continue:
Ambroise Wonkam & Nicky Mulder
Host: Baergen Schultz

International Perspective

Carolyn Hutter (Genome Sciences at NHGRI): International Common Disease Alliance

Geoffrey Ginsburg (Hundred Thousand Genomes) -The One Hundred Thousand Plus Cohorts Consortium

James Buchanan (Genome England): Translating genome and exome sequencing into clinical practice in Africa: a health economics perspective

Erich Jarvis (Human Pangenome Consortium) - Introduction to the human pangenome reference consortium (HPRC)

Mary De Silva & Nicki Tiffin: African Population Cohort Consortium (APCC)

Panel Discussion 40-50 min Moderator: Nicky Mulder

Session 4: Wednesday 21 April Project Updates Chair: Philip Awadalla Host: Allie Osgood	
Biorespositories: Moses Lutakoome Joloba : Integrated Biorepository of H3Africa (IBRH3AU) project update and Elizabeth Mayne : Biorepository - Clinical Laboratory Service	
PI Abimiku: Alash'le Abimiku : Altered Immune response to pediatric vaccines among HIV exposed uninfected infants. Sophia Osawe : Altered Immune response to pediatric vaccines among HIV exposed uninfected infants.	
PI Masiga: Daniel Masiga : EANBiT progress and prospects Ms. Martha Luka : Elucidating human rhinovirus transmission pathways at differing scales of social organisation	
PI Doumbia: Jeffrey Shaffer : West African Center of Excellence for Global Health Bioinformatics Research Training Fatoumata O. Maiga : Multiple artemisinin-based combination therapies remain effective for Plasmodium falciparum malaria in Mali: A systematic review and meta-analysis	
PI Ramsay: Gershim Asiki : Progress Update for AWI-Gen Phase 2 Ananyo Choudhury : Meta-analysis of 24,000 continental African provides insights into the genetic architecture of lipid traits	
30 min Break	
Session 5: H3Africa Fellows Speed Presentation Chair: Rex Chisholm Host: Shumi Chimombe and Paballo Chauke	
Fellow speed presentation	
30 min Coffee Break/Networking Session/Exhibition Booths	
Session 6: SARS-CoV 2 Covid 19 Chair & Panel Moderator: Barry Bloom Host: Catherine Scheepers	
Presenter: Dr Chikwe Ihekweazu Nigeria CDC Presentation Title: Strengthening Health Security through National Public Health Institutes	
Virus Genetics - Tulio de Oliveir (H3ABioNet)	
Diagnostics in Rwanda - Leon Mutesa (15 min)	
Melanie Saville (CEPI) - Strengthening capacity in African countries through CEPI's work	
Vaccine Efficacy - Penny Moore South Africa NICD	
Panel Discussion: (40 min)	
10 min Break	
DNA Day Activities	Steering Committee Meeting & IEC
	Steering Committee Meeting & IEC & Funders

Session 7: Project Updates Thursday, 22 April Chair: Kay Davies Host: Allie Osgood	
4:30 AM PDT/7:30 AM EDT/11:30AM. GMT/1:30 PM CAT/2:30 PM	PI Skelton: Michelle Skelton: H3Africa Coordinating Centre Updates
	PI Matshaba: Samuel Kyobe -Exome Sequencing Reveals a Role for HLA-C*03:02 in Control of HIV-1 Disease Progression in African Pediatric Populations & Busisiwe Mlotshwa: Integrated genomic analyses identify population-specific transcriptomic signatures of Tuberculosis disease in HIV/TB co-infected children in sub-Saharan Africa)
	PI Zar/Nicol: Shantelle Claassen- Center for Research on the Respiratory Microbiota of African Children (ReMAC)
	PI Stein: Nastassja Koen -Transgenerational Effects of Maternal Stressors: Investigating the Role of Infant Gene Expression
	PI Adu & Ojo: Presenter: Vincent Boima The burden of APOL1 genetic variation and chronic kidney disease in West Africans
	PI Akinyemi Presenter Rufus Akinyemi Presentation Title: An Update on the African Neurobiobank for Precision Stroke Medicine ELSI Project ;Presenter: Arti Singh: Perspectives on biorights among stroke patients and stroke - free individuals in Nigeria and Ghana: Data from the African Neurobiobank for Precision Stroke Medicine ELSI Study
	20 min Comfort Break
	Session 8: Project updates Chair: Charmaine Royal Host: Shumi Chimombe & Paballo Chuake
	Musa Mhlanga: Human Cell Atlas Title: Building out Human Cell Atlas African Research Networks
	PI Ochieng Presentation: Joseph Ochieng: Genetics and genomics research in Uganda: Towards context-specific ethics guidelines
	PI Ghansah & Tindana: Francis Adjei: Stakeholders Perspectives on the use of broad Consent as a model for Genomic Research and Biobanking in Ghana 10 min; Fellow Raymond Aborigo
	PI Adebisi : Ezekiel Adebisi & Ibatayo Ajayi Ibatayo Ajayi: Genetic and metabolic characterisation of early onset epileptic encephalopathies in Lagos state, Nigeria
	Guida Landoure- Uncovering the genetic basis of hereditary neurological disorders in Mali & Fellow Salimata Diarra- A novel gene for hereditary spastic paraplegia in a Malian family.
	PI Happi: Judith Oguzie (Genomics of SARS-CoV-2 and other infectious diseases in Nigeria); Fellow Idowu Olawoye- Genomics of SARS-CoV-2 and other infectious diseases in Nigeria;
	15 min Break
	Fellow Salia Bamba : A novel variant in the AR gene associated with early onset muscular dystrophy in a Malian family
	Fellow Blessing Sitabule: Structural Bioinformatics Analysis of CYP2D6 pharmacogenetic variation relevant to Sub-Saharan African populations
	Fellow Martha Zewdie: Assessment of epigenetic modifications in innate immune cells of TB patients and their house hold contacts
	Fellow Shahiid Kiyaga Comparative genomics and antibiotic-resistance determinants profile of clinical Pseudomonas aeruginosa isolates from Kenya
	10 min Break
IEC & Funder Meeting	
Session 9: Ethics Session: Aspects of Translational Science & Benefit Sharing Friday, 23 April Chair: Jantina de Vries Host: Baergen Schultz	
Patricia Marshall & Ruth Chadwick- H3Africa Report on Commercialization and Informed Consent	
PI Happi - H3Africa Project case study	
PI Wonkam H3Africa Project case study (10 min)	
Gareth Maher-Edwards (GSK) The Africa NCD Open Lab 2014-2021	

Andrew Farnum (CEO - Variant Bio_) - A New Model for Genomic Research Partnerships 10 min
Aime' Lumaka (Ethics & CE WG) : Literature on Benefit Sharing 10 min
Independent Ethics Review Committee (10 min)
Panel Discussion: Translation/Benefit Sharing/Consent (50 min)
Moderator: (TBC) Panellists:
30 min Break/Networking/Exhibition Booths
Discussion
IEC Feedback
CLOSING